THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869 UDC 551 506 1(41-4)

JULY 1974

VOLUME 91 NUMBER 7

U. S. Dept. of Commerce

Changeable and cool.

Fronts from the Atlantic frequently affected the United Kingdom. Major centres of low pressure remained mostly to the north but smaller depressions which were sometimes associated with frontal waves crossed parts of the country from time to time. The intervening ridges of high pressure were usually only weakly developed.

Weather

During a generally cool month showers or periods of rain occurred frequently and in some districts were occasionally heavy and prolonged. However, there were sunny days as well. Thunder and hail were reported at times and a little snow fell over the Highlands of Scotland. Hill and coast fog were often widespread, especially in western Wales and in south-western England.

Wind

The predominantly westerly winds were often fresh or strong and there were a few local gales, particularly in coastal districts and over high ground. On the 1st a mean hourly wind speed of 66 kt and a gust of 82 kt were recorded at the high-level station at Snaefell (Isle of Man).

Temperature

Over most of the country, monthly mean temperatures were from 0.5 to 1.5 degC below average. There were only two short warm spells. The first of these occurred during part of the second week in the Midlands and in most of eastern and southern England including the Channel Islands. Jersey, St Helier had a maximum temperature of 26.3°C on the 8th. During the period from the 19th to 22nd warm weather prevailed more generally although the higher termperatures occurred in eastern Scotland and in eastern, central and southern districts of England and Wales. On the 20th, the temperature rose to 26.4°C at Littlehampton (West Sussex) and on the 21st, Aldenham School (Hertfordshire) had a maximum of 25.9°C. Temperatures of 25°C or more were again recorded in parts of eastern and southern England on the 22nd.

Rainfall

Monthly rainfall totals were near or above average in the southern half of Northern Ireland, in most of northern Scotland and in parts of southern Scotland. It was also wet in most districts of Wales, in northern England and the Midlands and in one or two localities in southern England and East Anglia. A few places in North Wales and north-western England had about double their normal rainfall. Remaining districts were drier and in small areas of eastern Scotland, East Anglia and south-western England rainfall totals were 50 per cent of average or even less. Showers or outbreaks of rain were sometimes heavy and prolonged particularly in Wales and in some western and northern districts of England and Scotland. Isolated thunderstorms were reported and there were occasional hail showers. During widespread rain on the 2nd falls of 50 mm or more were recorded in the 24 hours from 09 GMT at stations in Wales. Llantrisant (Mid Glamorgan) had 62.0 mm and Neuadd Reservoir (Powys) had 58.0 mm. Two days later there were heavy falls in northern districts of England and Wales and 57.2 mm of rainfall accumulated in a similar period at Revesby Reservoir (Lincolnshire). On the 30th, rain was heavy in places during the passage of a wave depression across central areas of Great Britain and a 24-hour fall of 63.0 mm was recorded at Minafon (Gwynedd).

Sunshine

Sunshine totals for the month were mostly between 70 and 100 per cent of average. However, parts of northern and eastern Scotland were sunny and in one or two places totals reached 120 to 130 per cent of average. There were other sunny districts in the Midlands and eastern England but some places in South Wales and in south-western England had less than 70 per cent of their normal sunshine. There were no prolonged sunny spells but most places had some sunny days during the month. On the 1st Falmouth (Cornwall) had 15.6 hours of sunshine and on the 17th Ringway (Greater Manchester) and Squires Gate (Lancashire) each recorded 15.0 hours of sunshine.

Fog

A notable feature of the weather during the month was the frequent occurrence of fog on the high ground and on the coasts of Wales and south-western England including the Channel Islands. Sometimes the hill fog was more widespread especially in heavy rain. Fog also affected coastal districts of eastern and northern Scotland on a few days and occasional patches of fog developed at night chiefly in inland areas of Scotland and England but these usually dispersed soon after dawn.

Miscellaneous Phenomena

Four waterspouts were observed to the west of Hartland Point (Devon) during the afternoon of the 12th. The aurora was seen on 6 nights by observers in Scotland.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average					% of average	
0 Scotland N	18.9	4.0	−0.5	−1.0	−0.7	−0.5	+7	106	95
1 Scotland E	23.4	5.2	−0.6	−0.7	−0.7	−0.3	+3	86	101
2 England E & NE	24.8	3.7	−0.8	−0.7	−0.7	−0.7	0	110	87
3 East Anglia	25.9	5.5	−0.9	−0.6	−0.7	−1.1	+1	81	98
4 Midland Counties	24.9	6.0	−1.3	−0.3	−0.8	−0.7	+2	98	97
5 England SE & Central S	25.0	5.2	−1.4	−0.5	−1.0	−0.8	0	86	95
6 Scotland W	20.0	3.3	−1.2	−0.4	−0.8	−0.3	+5	93	97
7 England NW & Wales N	22.1	4.9	−1.4	−0.3	−0.8	−0.9	+2	145	87
8 England SW & Wales S	23.8	6.5	−1.3	−0.5	−0.9	+0.2	+3	93	89
N Ireland	21.6	3.5	−1.0	−0.5	−0.7	+0.1	+4	103	92
Scotland	23.4	3.3	−0.8	−0.7	−0.7	−0.4	+5	95	98
England & Wales	25.9	3.7	−1.2	−0.5	−0.8	−0.7	+1	102	92

*Highest maximum and lowest minimum of District Value Stations.

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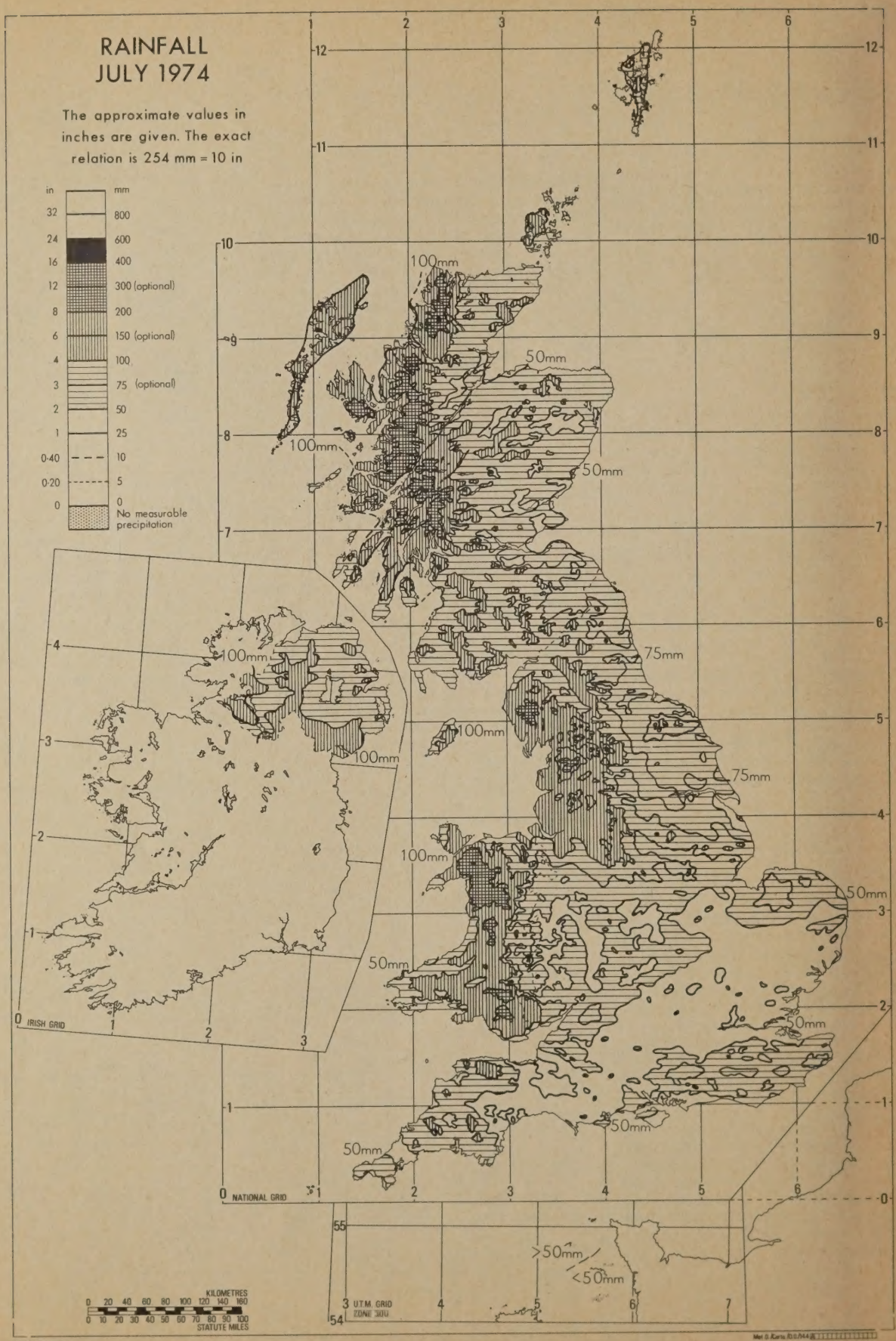
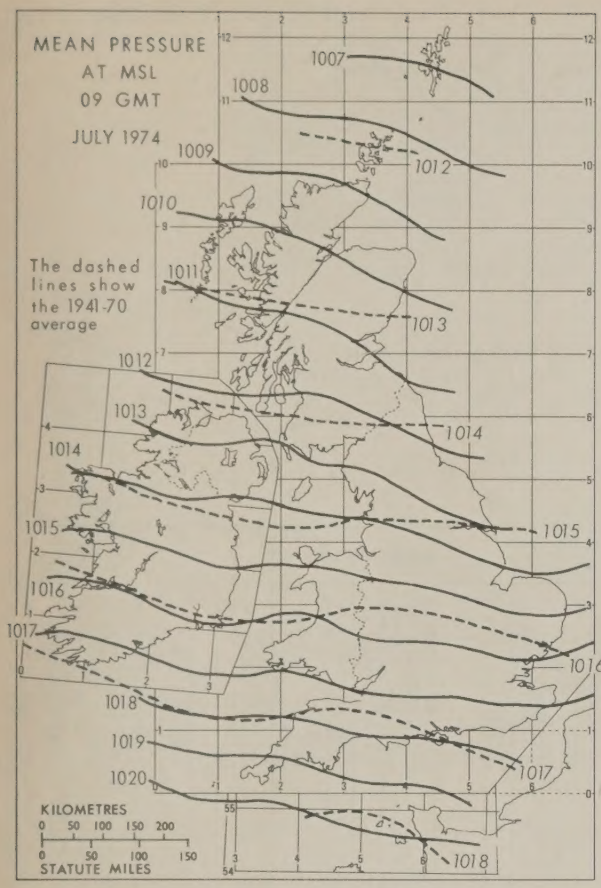
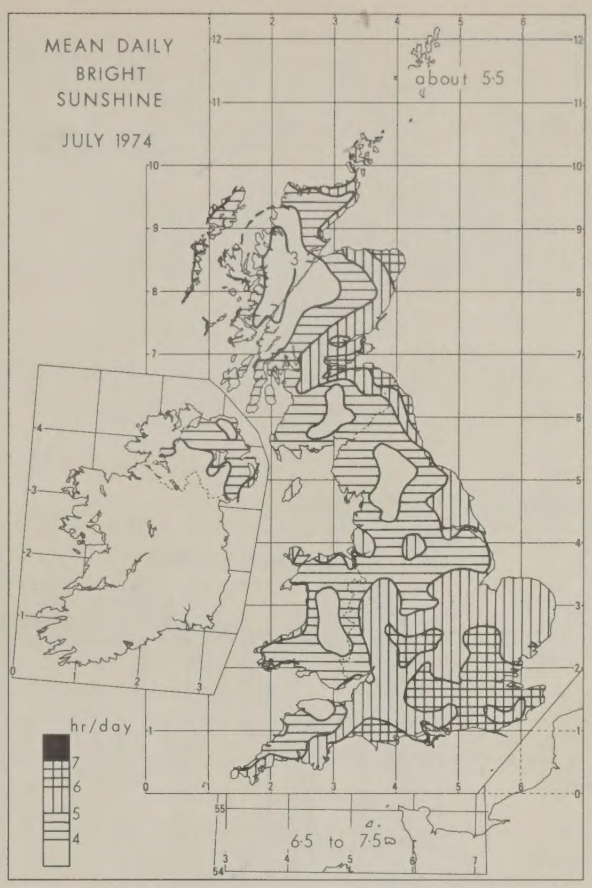
Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the Year.

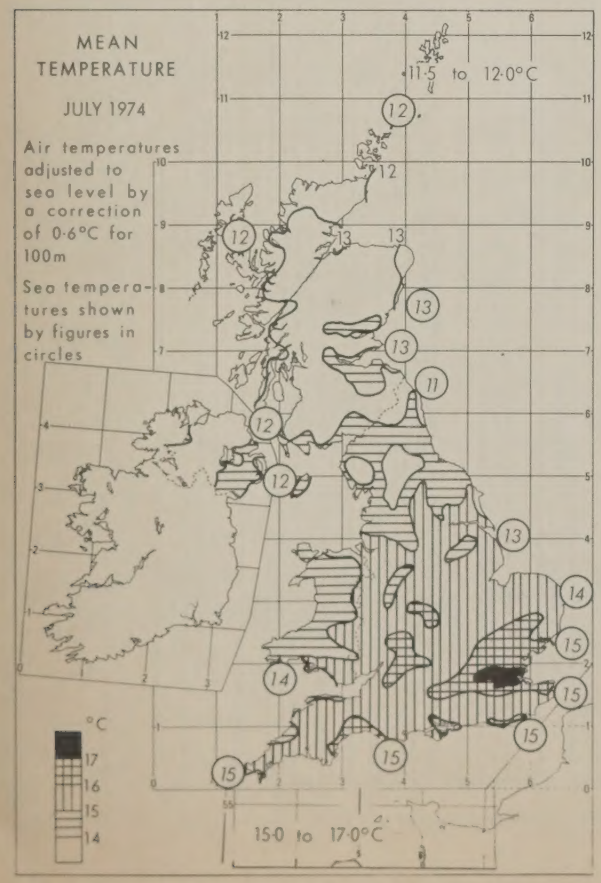
RAINFALL JULY 1974

The approximate values in inches are given. The exact relation is 254 mm = 10 in




MEAN PRESSURE
AT MSL
09 GMT
JULY 1974
The dashed lines show the 1941-70 average
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1012
1013
1014
1015
1016
1017
1018
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN DAILY
BRIGHT
SUNSHINE
JULY 1974
about 5·5
hr/day
7
6
5
4
6·5 to 7·5


MEAN
TEMPERATURE
JULY 1974
Air temperatures adjusted to sea level by a correction of 0·6°C for 100m
Sea temperatures shown by figures in circles
11·5 to 12·0°C
12
12
12
13
13
13
13
11
12
12
13
14
15
14
15
15
15
15
°C
17
16
15
14
15·0 to 17·0°C

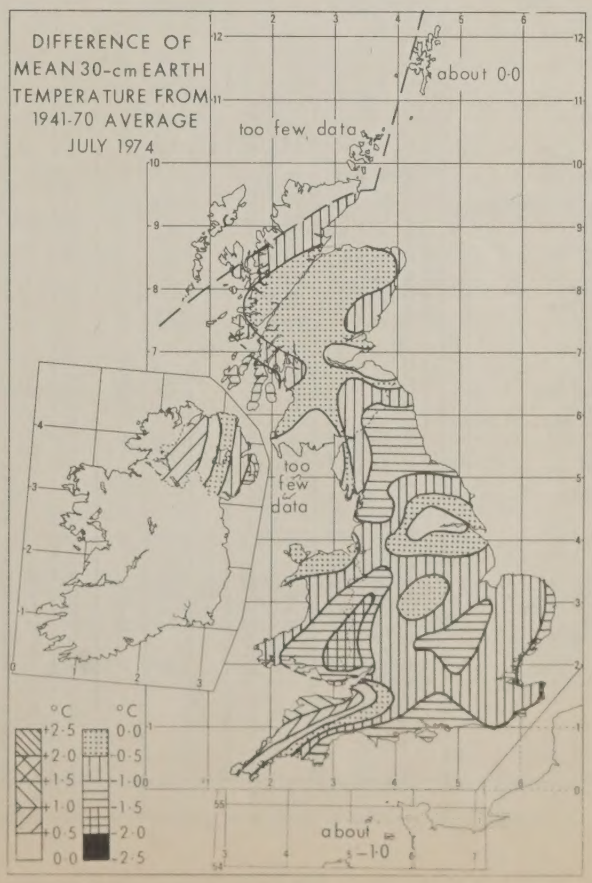

DIFFERENCE OF
MEAN 30-cm EARTH
TEMPERATURE FROM
1941-70 AVERAGE
JULY 1974
about 0·0
too few data
too few data
°C
+2·5
+2·0
+1·5
+1·0
+0·5
0·0
°C
0·0
-0·5
-1·0
-1·5
-2·0
-2·5
about -1·0

TABLE 2 SOLAR RADIATION AND ILLUMINATION JULY 1974

SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS JULY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MINIMUM BELOW 0 DEG C	GROUND FROST MINIMUM BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
0 SCOTLAND N																															
ZETLAND																															
BALTASOUND	9 9	24	14.6	8.7	11.7	-0.3	17.0	10	4.2	26	11.5	-	60	92	10	21	21	18	0	0	0	0	0	0	0	-	-	1	5.66	130	-
LERWICK	21 9	82																													
PSYCHROMETER			13.4	8.6	11.0	-	15.2	10	5.2	3	-	-	83	-	13	21	18	14	0	0	0	0	1	1	0	0	0	0	5.26	124	-
SCREEN			13.9	8.8	11.3	-0.4	15.9	10	5.7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORKNEY																															
KIRKWALL AIRPORT ...	21-9	26	14.9	9.1	12.0	-0.3	18.6	8	5.5	4.5	-	-	83	-	14	11	25	16	0	0	0	0	0	0	0	1	0	0	5.06	114	-
STENNESS	9 9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SULE SKERRY	21-9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAITHNESS																															
DOUNREAY	9 9	21	15.5	9.3	12.4	-	20.0	8	4.5	5	-	-	76	-	13	11	20	18	0	0	0	0	0	2	0	0	-	0	6.10	-	-
KEISS	9 9	30	15.1	8.5	11.8	-	18.3	21	3.7	25	13.2	11.8	68	-	13	27	24	17	0	0	0	0	0	0	0	0	-	0	5.66	-	-
WICK	21-9	36	15.6	8.8	12.2	-0.3	18.9	21	4.0	4	-	-	56	88	8	5	26	15	0	0	0	0	0	0	0	0	0	0	4.97	111	-
SUTHERLAND																															
CAPE WRATH	21-9	112	13.0	9.5	11.3	-0.5	16.5	8	6.5	22	-	-	124	138	15	21	26	20	0	0	0	0	0	2	0	0	0	0	5.05	-	-
LAIRG			16.2	8.7	12.5	-	20.2	21	3.6	7	12.6	10.6	61	-	11	10	25	18	0	0	0	0	0	0	0	0	-	0	4.67	-	-
STRATHY	9 9	37	15.3	8.8	12.1	-0.7	20.0	8	4.1	5	-	-	73	-	8	10	26	20	0	0	0	0	0	0	0	-	-	0	4.95	125	-
ROSS & CROMARTY																															
ACHNASHELLACH	9 9	67	15.5	9.1	12.3	-1.0	17.3	17	4.8	4.6	-	-	201	135	22	21	29	26	0	0	0	0	0	0	0	-	-	0	-	-	-
BALMACARA	9 9	4	15.3	10.1	12.7	-	17.4	16	5.7	4	-	-	126	-	23	5	28	24	0	0	0	0	0	0	0	-	-	0	-	-	-
CONTINI(CRAIGDARROCH) ...	9 9	38	17.2	9.0	13.1	-	20.1	21	3.9	4	-	-	39	-	7	22	22	14	0	0	0	0	0	0	0	0	-	0	-	-	-
FORTROSE	9 9	5	16.4	10.4	13.4	-0.7	18.5	19	8.0	4.5.6	-	-	56	90	16	2	20	13	0	0	0	0	0	0	0	-	-	0	4.21	94	-
INVERPOLLY	9 9	14	15.4	9.8	12.6	-	19.2	8	6.1	4	13.1	-	117	-	19	21	30	22	0	0	0	0	0	0	0	2	-	3	3.24	-	-
KINLOCHEWE	9 9	23	16.4	9.8	13.1	-	(19.5)	21	5.6	6	13.1	-	137	-	18	21	27	24	0	0	0	0	0	5	0	4	-	0	2.38	-	-
POOLEWE	9 9	6	15.7	10.3	13.0	-	19.1	8	7.1	4	-	-	133	-	31	21	25	20	0	0	0	0	0	0	0	0	-	1	3.63	-	S
RUBH RE	21-9	16	13.9	10.5	12.2	-	16.5	15	8.4	4	-	-	74	-	12	10	24	15	0	0	0	0	0	0	0	0	0	1	-	-	-
STORNOWAY	21-9	3	14.9	9.1	12.0	-0.9	18.3	21	5.2	4	-	-	93	-	13	21	28	17	0	0	0	0	0	0	0	0	0	0	4.27	100	-
STRATHCONON	9 9	107	16.9	8.9	12.9	-	19.9	8	3.5	25	-	-	67	-	12	22	28	16	0	0	0	0	0	-	0	1	-	0	-	-	-
TARBATNESS	21-9	18	16.2	10.1	13.1	-0.6	20.6	21	7.3	2	-	-	101	-	30	3	21	17	0	0	0	0	0	1	0	0	-	-	1	-	-	-
INVERNESS																															
BENBECULA	21-9	6	15.0	10.6	12.8	-0.4	17.2	8	8.0	6	-	-	111	-	42	5	24	16	0	0	0	0	0	0	0	0	0	1	5.12	103	-
CORPACH	9 9	8	16.1	9.9	13.0	-	17.9	21	6.1	4	-	-	125	-	25	22	25	22	0	0	0	0	0	1	0	0	-	0	-	-	-
DALWHINNIE	9 9	351	14.7	7.7	11.2	-	18.7	19	1.8	25	-	-	56	-	7	2	22	17	0	0	0	0	0	-	0	-	-	0	4.05	-	S
GLENMORE LODGE	9 9	341	15.2	7.2	11.2	-	20.2	19	-0.8	25	-	-	87	-	18	12	19	13	0	0	0	2	0	0	1	3	1	0	3.25	-	S
INVERNESS	9 9	4	17.0	10.3	13.7	-	19.9	20	7.8	5.6	-	-	62	-	18	2	17	11	0	0	0	0	0	0	0	0	-	0	3.73	-	-
ISLE OF RHUM	9 9	5	15.5	9.9	12.7	-	17.5	8	4.6	4	15.3	13.4	204	-	40	5	26	22	0	0	0	0	0	1	0	0	-	7	4.52	-	-
LAGGANLIA	9 9	250	15.6	7.7	11.7	-	19.1	21	2.3	5	-	-	49	-	7	2	23	15	1	0	0	1	0	0	0	0	-	0	-	-	-
OWICH	9 9	15	15.5	8.8	12.1	-1.4	18.0	21.30	5.0	17.25	-	-	188	126	24	22	25	24	-	0	-	-	-	3	0	0	-	-	2.62	73	S
PRABOST	9 9	67	15.3	9.1	12.2	-	17.8	7	4.2	4	-	-	127	-	23	21	26	23	0	0	0	0	0	0	0	0	-	2	3.35	-	-
1 SCOTLAND E																															
NAIRN																															
NAIRN	9 9	6	17.2	8.5	12.9	-1.2	20.8	21	2.0	5	-	-	56	-	11	22	19	14	0	0	0	1	1	0	0	1	-	0	4.53	99	-
MORAY																															
ELGIN	9 9	15	17.1	9.5	13.3	-	22.5	21	5.0	25	-	-	71	-	12	3	25	13	-	0	-	-	-	0	0	0	-	-	5.45	-	-
FORRES	9 9	50	17.2	9.9	13.5	-0.5	21.2	19	6.0	25	15.0	14.1	59	-	11	22	21	17	0	0	0	0	0	0	0	0	-	0	4.91	105	-
GORDON CASTLE	9 9	32	17.1	9.5	13.3	-0.8	22.9	21	5.6	25	-	-	66	85	11	1	24	20	0	0	0	0	0	-	0	-	-	0	5.30	114	-
GRANTOWN-ON-SPEY ...	9 9	229	16.2	7.4	11.8	-	20.6	19	2.3	25	-	-	55	-	7	2	21	14	0	0	0	1	0	0	0	6	-	0	4.38	-	-
KINLOSS	21-9	5	17.2	9.7	13.5	-0.5	21.4	21	5.5	5	12.9	-	47	-	8	22	23	14	0	0	0	0	0	0	0	0	0	1	4.79	-	-
LOSSIEMOUTH	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANFF																															
BANFF	9 9	24	16.3	10.3	13.3	-	22.0	21	7.6	4	-	-	70	-	12	5	23	13	-	0	-	-	-	0	0	-	-	-	6.35	-	-
GLENLIVET	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL H(GMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	DATE	LOWEST MINIMUM: MIN.	DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1 SCOTLAND E -CONTINUED																															
ABERDEEN																															
ABERDEEN																															
DYCE AIRPORT	21-9	58	17.3	8.7	13.0	-0.5	22.7	19	4.5	4	-	-	73	-	13	1	21	15	0	0	0	0	0	0	0	0	0	0	5.42	109	-
MANNOFIELD	9 9	52	16.9	8.9	12.9	-0.8	22.8	19	5.8	2	-	-	75	95	22	15	20	16	0	0	0	0	1	0	0	0	-	0	6.05	120	-
BALMORAL	9 9	283	16.0	7.0	11.5	-1.2	22.0	19	0.2	31	-	-	43	65	12	15	20	12	0	0	0	0	0	-	0	3	-	1	-	-	-
BRAEMAR	9 9	339	15.7	7.7	11.7	-1.0	20.6	19	0.6	31	-	-	45	74	11	15	21	14	-	0	-	-	-	0	0	1	-	-	4.36	94	-
CRAIBSTONE	9 9	91	16.7	8.6	12.7	-0.6	21.9	19	5.2	29	13.4	12.1	68	83	9	29	21	18	0	0	0	0	0	1	0	0	-	0	5.86	114	-
DINNET	9 9	177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRASERBURGH	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FYVIE CASTLE	9 9	66	17.2	8.5	12.9	-	24.0	21	5.0	15	-	-	71	86	9	5	26	18	0	-	0	0	1	-	0	0	-	0	-	-	-
GARTLY	9 9	146	16.6	8.7	12.7	-	21.8	21	4.3	4	-	-	59	-	10	27	21	14	-	-	-	-	-	-	0	0	-	-	-	-	-
INVERURIE SEWAGE WORKS	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINCARDINE																															
BANCHORY	8 8	77	17.7	8.4	13.1	-	23.0	19	4.3	31	-	-	71	-	24	15	20	12	0	0	0	0	0	0	0	0	0	0	4.83	-	-
FETTERCAIRN	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONEHAVEN	9 9	4	17.4	8.1	12.7	-1.0	23.8	19	4.5	23	-	-	58	-	17	15	16	14	0	0	0	0	0	0	0	-	-	0	5.24	105	-
ANGUS																															
ARBROATH	9 9	28	17.4	9.9	13.7	-	22.7	19	6.7	4	-	-	45	-	9	15	18	11	0	0	0	0	0	0	0	0	-	0	5.16	87	-
BUDDON NESS	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNDEE	9 9	45	18.3	9.8	14.1	-0.7	23.4	19	6.7	24	15.8	-	63	84	16	15	17	13	0	0	0	0	0	0	0	0	-	0	5.53	109	-
MONTROSE	9 9	57	17.4	9.0	13.2	-	23.0	19	5.3	4	-	-	53	78	15	3	16	10	0	0	1	0	0	0	0	0	-	0	-	-	-
MYLNEFIELD	9 9	30	18.1	9.3	13.7	-	23.4	19	4.1	31	14.5	12.3	48	-	16	15	18	11	0	0	0	0	0	0	0	0	-	0	5.90	-	-
USAN	21-9	30	17.0	9.5	13.3	-	23.2	19	6.6	31	-	-	47	-	18	15	14	10	1	0	0	0	0	0	0	0	0	1	6.00	-	-
WHITEHILLOCKS	9 9	258	16.5	7.5	12.0	-	22.2	19	1.6	4	-	-	54	-	14	15	18	10	0	0	0	0	0	0	0	2	-	0	-	-	S
PERTH																															
ABERFOYLE	9 9	27	17.0	8.9	12.9	-	19.5	19	2.0	4	-	-	90	-	12	14	21	17	0	-	0	0	0	-	0	-	-	1	-	-	-
ARDTALNAIG	9 9	130	17.0	9.5	13.3	-	20.1	19	5.1	25.31	-	-	54	-	18	15	17	12	0	0	0	0	1	0	0	0	-	0	4.76	-	-
ASHINTULLY CASTLE ...	9 9	341	15.8	7.1	11.5	-	20.8	19	1.8	31	-	-	52	-	17	15	17	11	0	0	0	0	1	1	0	1	-	0	-	-	-
BLAIRGOWRIE	9 9	70	17.8	8.8	13.3	-	22.7	19	3.9	31	14.7	-	56	-	22	15	18	10	-	-	-	-	-	-	0	0	-	-	5.47	-	-
CALLANDER	9 9	107	16.7	8.7	12.7	-	20.3	19	3.3	24	-	-	83	-	16	15	21	15	0	0	0	0	0	0	0	0	-	0	-	-	-
DALL	9 9	232	15.8	7.5	11.7	-	19.4	19	1.0	31	-	-	64	-	17	15	23	14	0	0	0	0	0	0	0	2	-	0	-	-	-
DRUMMOND CASTLE ...	9 9	113	16.7	8.6	12.7	-	18.8	7	4.0	30	14.5	-	72	-	35	15	15	10	0	0	0	0	0	-	0	5	-	0	5.74	-	S
DUNBLANE	- -	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FASKALLY	9 9	94	17.2	9.0	13.1	-	20.7	21	2.1	31	15.1	13.7	50	-	23	15	18	9	0	0	0	0	0	0	0	1	-	0	-	-	-
GLENEAGLES	9 9	152	17.4	7.2	12.3	-	20.2	19	3.2	31	-	-	52	-	15	14	17	15	0	-	1	0	0	0	0	1	-	0	5.54	-	-
KINDROGAN	9 9	259	15.7	7.0	11.3	-	20.5	19	0.8	31	-	-	61	-	19	15	19	13	0	0	0	0	1	0	0	5	-	0	-	-	-
PERTH	9 9	23	18.1	9.7	13.9	-0.8	22.4	19	3.5	31	-	-	37	50	13	13	9	7	0	0	0	0	0	0	0	1	-	0	6.27	118	-
PITLOCHRY	9 9	144	16.8	8.6	12.7	-	20.6	19	1.5	31	-	-	44	-	19	15	18	7	0	0	0	0	0	0	0	1	-	0	4.67	-	-
STRATHALLAN	9 9	41	17.8	9.7	13.7	-	22.2	19	4.5	31	-	-	51	-	18	13	17	11	0	0	0	0	0	0	0	0	-	0	-	-	-
KINROSS																															
KINROSS	9 9	116	17.1	8.6	12.9	-	20.0	19	1.9	31	14.2	-	64	-	17	15	20	12	-	0	-	-	-	-	0	1	-	-	6.03	-	-
FIFE																															
BELLISTON	9 9	82	16.9	9.6	13.3	-	20.5	19	5.8	31	14.1	-	60	-	16	15	15	10	0	0	0	0	0	0	0	0	-	0	-	-	-
GLENROTHES (GLENWOOD)	9 9	117	-	-	-	-	-	-	-	-	-	-	56	-	13	15	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-
KIRKCALDY	9 9	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEUCHARS	21-9	10	17.8	9.3	13.5	-1.0	23.0	19	4.9	24	-	-	51	76	13	5	17	10	0	0	0	1	0	0	0	0	0	0	6.28	107	-
PITREAVIE	21-9	40	17.5	10.2	13.9	-	19.9	7	6.0	30	-	-	56	-	9	17	18	12	0	0	0	0	0	0	0	0	0	0	-	-	-
ST ANDREWS	9 9	18	17.9	9.9	13.9	-	22.9	19	6.1	24	15.0	13.3	52	81	11	5.24	14	10	0	0	0	1	0	0	0	0	-	0	6.44	-	-
WEST LOTHIAN																															
LIVINGSTON	9 9	125	17.5	8.9	13.2	-	20.2	7	3.5	31	-	-	46	-	9	22	23	10	0	0	0	0	0	0	0	1	-	0	-	-	-
MIDLOTHIAN																															
BUSH HOUSE	9 9	184	16.2	9.6	12.9	-	18.8	21	5.1	31	13.9	12.6	73	-	10	5	18	13	0	0	0	0	0	0	0	1	-	0	4.97	-	-
EDINBURGH																															
BLACKFORD HILL ...	9 9	134	17.7	9.6	13.7	-0.8	19.6	7	7.0	24	-	-	62	82	9	15	17	12	0	0	0	0	1	0	0	0	-	0	5.26	100	-
EAST CRAIGS	9 9	61	17.9	10.0	13.9	-	20.6	7	6.2	31	14.6	-	48	-	7	24	14	13	0	0	0	0	0	0	0	1	-	0	5.76	-	-
ROYAL BOTANIC GARDEN	9 9	26	18.0	10.6	14.3	-0.4	20.1	21	7.5	25	15.5	-	54	72	7	14.24	16	13	0	0	0	0	0	0	0	0	-	0	5.85	108	S
TURNHOUSE AIRPORT ...	21-9	35	18.1	10.1	14.1	-0.3	20.5	8.21	6.2	30	-	-	50	-	7	5	14	13	0	0	0	0	0	0	0	3	0	0	5.24	104	-
PENICUIK	9 9	189	16.8	9.3	13.1	-0.7	19.5	7	5.2	31	14.1	-	63	-	12	5	21	13	0	0	0	0	0	0	0	0	-	0	4.38	90	S
ROSLIN	9 9	152	16.7	9.4	13.1	-	19.2	21	6.0	31	-	-	63	-	11	5	13	11	0	0	0	0	0	1	0	0	-	0	5.56	-	-
EAST LOTHIAN																															
DUNBAR	9 9	23	17.5	10.5	14.0	-0.2	20.6	21	7.6	17	-	-	55	-	14	15	19	10	0	0	0	0	1	0	0	0	-	0	6.91	117	-
HADDINGTON	9 9	49	18.0	9.6	13.8	-	20.5	21	5.1	30	-	-	57	-	12	15	14	14	0	0	0	0	2	0	0	0	-	0	5.65	-	-
NUNRAW ABBEY	9 9	195	16.1	9.0	12.5	-	18.9	21	5.6	17	-	-	75	-	14	13	17	12	0	0	0	0	2	0	0	-	-	0	-	-	-
BERWICK																															
BLYTHE	9 9	262	16.4	8.2	12.3	-	19.9	21	4.1	31	-	-	80	-	23	5	22	14	-	0	-	-	-	0	0	3	-	-	5.87	-	-
LEITHOLM	9 9	64	17.5	8.4	12.9	-	20.4	21	4.1	31	14.0	-	68	-	20	5	21	13	0	0	0	0	0	0	0	0	-	0	5.80	-	-
MARCHMONT	9 9	152	16.8	8.9	12.9	-1.2	21.0	21	6.5	2	-	-	76	110	15	5	17	13	0	0	0	0	0	0	0	-	-	0	6.12	124	-
ST ABBS HEAD	21-9	75	16.4	11.0	13.7	-0.1	20.8	21	7.9	3	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	-	-	-
WHITCHESTER	9 9	255	16.0	8.3	12.1	-	19.3	21	4.9	2	-	-	76	112	11	5	18	13	0	0	0	1	1	-	0	-	-	0	-	-	-
PEEBLES																															
BLYTH BRIDGE	9 9	253	15.6	8.6	12.1	-	18.4	7.9	4.3	24	-	-	76	-	13	4	25	15	0	0	0	0	0	0	0	4	-	0	4.39	-	-
GLENTRESS	9 9	165	16.9	9.4	13.1	-	20.0	21	3.5	31	-	-	53	-	10	5	18	16	-	0	-	-	-	0	0	-	-	-	-	-	-
STANHOPE FARM	9 9	226	15.7	9.0	12.3	-	19.1	21	4.1	17	-	-	82	-	14	4	24	15	0	0	0	0	0	0	0	0	-	0	-	-	-
WEST LINTON	9 9	244	16.0	8.5	12.3	-0.7	18.8	7	3.8	31	13.6	12.7	90	110	15	5	25	19	0	0	0	0	0	0	0	0	-	0	-	-	-
SELKIRK																															
BOWHILL	9 9	168	17.2	9.1	13.1	-	20.2	21	5.0	2.31	-	-	71	-	12	4	14	13	0	0	0	0	0	0	0	-	-	0	-	-	-
GALASHIELS	9 9	198	16.5	9.4	12.9	-	20.0	21	6.6	31	-	-	71	-	12	5	19	14	0	0	0	0	0	0	0	0	-	0	5.29	-	-
ROXBURGH																															
GREYCROOK	9 9	76	18.3	8.7	13.5	-	21.0	21	4.1	17	-	-	63	-	11	4	18	13	0	0	0	0	0	-	0	0	-	0	-	-	-
KELSO	9 9	34	18.3	9.5	13.9	-	20.9	21	4.9	17	-	-	60	-	11	2	17	14	0	0	0	0	0	0	0	0	-	0	-	-	S
SOURHOPE	9 9	221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAUCHOPE	9 9	155	17.3	8.2	12.7	-	19.8	9	2.5	30	-	-	85	-	15	2	21	14	0	0	0	0	1	0	0	-	-	0	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	TERMINAL H(GMT) OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
6 SCOTLAND W																																
ARGYLL																																
ACHAGLACHGACH	9	9	12	16.2	9.6	12.9	-	19.2	7	3.7	24	-	-	136	-	21	5	26	19	-	0	-	-	-	1	0	0	-	-	-	-	-
AROS	9	9	37	15.8	8.9	12.3	-	17.9	6	3.3	24	-	-	182	-	26	5	30	25	0	0	0	0	0	0	0	2	-	0	-	-	-
BENMORE(YOUNGER BOTANIC GARDEN)	9	9	12	15.9	9.9	12.9	-	18.7	7	6.0	24	-	-	168	-	26	5	27	23	0	0	0	0	0	0	0	0	-	2	-	-	-
COLONSAY	9	9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNSTAFFNAGE	9	9	3	15.9	10.2	13.1	-	17.7	8	6.0	4	-	-	120	-	14	22	27	20	0	0	0	0	0	0	0	0	-	1	-	-	-
GLENBRANTER	9	9	24	16.6	8.7	12.7	-	19.0	7	3.1	25	-	-	152	-	20	22	25	21	0	0	0	0	0	0	0	0	-	0	-	-	-
KNAPDALE FOREST	9	9	40	15.4	9.6	12.5	-	18.6	7	4.0	24	-	-	151	-	20	15	25	21	0	0	0	0	0	0	0	2	-	0	-	-	-
MACHRIHANISH	21-9	10	10	15.8	10.8	13.3	-	19.1	21	5.3	24	-	-	76	-	20	4	21	16	0	0	0	0	0	0	0	0	0	0	4.86	-	-
POLLOCH	9	9	10	15.8	9.4	12.6	-	-18.3	7	4.8	4	-	-	236	-	34	5	27	27	0	0	0	0	0	-	0	0	-	0	-	-	-
PORT ELLEN	9	9	18	15.8	9.9	12.9	-	(19.4)	6	5.4	24	-	-	99	-	15	15	22	17	-	0	-	-	-	-	0	-	-	-	-	-	-
RHUVAAL	21-9	20	15	15.2	10.3	12.7	-	18.2	19	8.0	4.5	-	-	86	-	12	25	20	18	0	0	0	0	0	0	0	0	0	0	-	-	-
TIREE	21-9	9	9	15.1	10.2	12.7	-0.7	16.5	9	7.0	4	-	-	72	85	9	22	25	18	0	0	0	1	0	0	0	0	0	1	4.85	93	-
BUTE																																
BRODICK CASTLE	9	9	15	16.9	10.0	13.5	-	19.3	21	6.6	24	16.0	-	95	-	16	4	26	20	0	0	0	0	0	0	0	0	-	0	-	-	-
KILDONAN	21-9	18		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTHESAY	9	9	43	16.5	10.5	13.5	-	19.0	7	7.5	24	13.8	12.5	100	-	12	22	22	18	0	0	0	0	0	0	0	0	-	0	-	-	-
DUNBARTON																																
ARROCHYMORE	9	9	37	16.6	9.8	13.2	-	18.7	7	5.9	31	-	-	94	-	14	22	24	18	-	0	-	-	-	0	0	1	-	-	4.97	-	-
CUMBERNAULD	9	9	94	16.9	9.0	12.9	-	19.3	7	4.0	24	-	-	94	-	16	16	19	16	0	0	0	0	0	0	0	0	-	0	-	-	-
FINNART	9	9	15	16.4	10.5	13.5	-	18.0	13,14,18	6.0	24	-	-	131	-	21	5	24	22	0	0	0	0	0	0	0	-	-	0	-	-	-
HELENSBURGH	9	9	89	15.8	9.3	12.5	-1.8	18.0	7	5.5	24	-	-	102	-	16	24	22	19	0	0	0	0	0	0	0	-	-	0	4.32	-	-
SLOY	21-9	12		16.3	10.1	13.2	-	19.0	13	5.5	4	-	-	169	-	23	15	26	25	0	-	0	0	0	0	0	-	-	0	-	-	-
STIRLING																																
EARLS HILL	21-9		335	14.9	7.8	11.3	-	17.5	4	5.0	4	-	-	-	-	-	-	-	-	0	-	0	0	0	2	0	0	0	4	5.94	-	-
FALKIRK(SEWAGE WORKS)	9	9	3	17.9	10.4	14.1	-	20.4	7	6.9	31	-	-	54	-	16	15	16	12	0	0	0	0	0	0	0	-	-	0	5.93	-	-
GRANGEMOUTH																																
B.P. REFINERY	9	9	2	18.1	10.8	14.5	-	20.5	7	7.5	26	-	-	65	-	33	14	16	9	-	-	-	-	-	-	0	-	-	-	-	-	-
MUNICIPAL CHAMBERS	9	9	4	17.5	11.0	14.3	-	20.0	7	8.0	31	-	-	58	-	19	15	15	12	-	0	-	-	-	0	0	0	-	-	-	-	-
PARKHEAD	9	9	107	17.8	9.9	13.9	-	20.1	4	5.5	24	15.9	-	45	-	7	15	18	14	-	0	-	-	-	0	0	-	-	-	-	-	-
STIRLING(BATTERFLATS)	9	9	38	18.3	9.6	13.9	-	21.2	19	4.4	31	15.4	14.0	48	-	12	15	20	8	0	0	0	0	0	0	0	1	-	0	5.67	-	-
RENFREW																																
ABBOTSINCH AIRPORT	21-9		5	17.2	10.4	13.8	-0.9	19.4	7	5.6	31	-	-	68	-	11	22	19	16	0	0	0	0	0	0	0	0	0	0	5.38	105	-
BARRHEAD	9	9	30	16.9	10.5	13.7	-	20.0	7	6.9	24	-	-	65	81	14	22	18	13	0	0	0	0	0	0	0	0	-	0	-	-	-
GREENOCK	9	9	61	16.0	10.5	13.3	-1.3	18.8	7	7.4	24	-	-	107	98	22	22	24	19	0	0	0	0	0	0	0	0	-	0	4.63	92	-
PAISLEY	9	9	32	17.2	11.1	14.1	-1.0	19.6	13	8.1	24	15.0	13.8	69	85	13	22	19	16	0	0	0	0	0	0	0	0	-	0	5.06	103	-
LANARK																																
CAMPS RESERVOIR	9	9	295	14.8	8.4	11.6	-	18.2	7	4.0	17	-	-	78	-	13	15	28	17	0	0	0	0	0	2	0	-	-	0	3.81	-	-
CARNWATH	9	9	208	16.1	7.9	12.0	-	18.6	7	0.5	30	13.4	-	63	-	11	4	17	15	0	0	0	0	0	0	0	5	0	0	-	-	-
COATBRIDGE	9	9	78	16.3	9.8	13.1	-	(20.0)	7	6.0	24	-	-	61	-	10	15	18	16	0	0	0	0	0	0	0	-	-	0	-	-	-
CRAWFORDJOHN	9	9	274	15.1	8.3	11.7	-	18.5	21	3.4	24	12.8	-	-	-	-	-	-	-	0	0	0	0	0	0	0	1	0	0	4.13	-	-
EAST KILBRIDE	9	9	178	15.9	9.6	12.7	-	18.6	7	6.4	24	-	-	76	-	12	22	20	16	0	0	0	0	0	-	0	-	-	0	5.86	-	-
GLASGOW(SPRINGBURN)	9	9	107	16.4	10.2	13.3	-1.2	18.8	13	6.8	24	-	-	87	100	9	15	26	19	0	0	1	0	0	0	0	0	-	0	4.80	98	-
LANARK	9	9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.74	-	-
LEADHILLS	9	9	388	14.3	7.9	11.1	-	17.7	21	3.8	17	-	-	119	-	15	14	25	20	0	0	0	0	0	2	0	0	-	0	-	-	-
SALSBURGH	9	9	275	15.5	8.4	11.9	-	17.3	7	6.0	2.4	-	-	-	-	-	-	-	-	0	-	0	0	0	0	0	0	0	0	-	-	-
AYR																																
AUCHINCRUIVE	9	9	45	16.4	10.6	13.5	-0.8	20.0	21	5.4	24	14.0	12.8	60	74	11	4	19	13	0	0	0	0	0	0	0	0	-	0	4.69	95	-
CUMNOCK	9	9	99	16.4	8.7	12.5	-	19.8	21	2.9	24	-	-	95	-	15	5	23	19	0	0	0	0	0	0	0	0	-	0	-	-	-
GIRVAN	9	9	8	16.4	11.5	13.9	-	20.4	16	7.5	24	-	-	56	-	13	22	19	12	0	0	0	0	0	0	0	0	-	0	4.58	-	-
LARGS	9	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.85	-	-
PRESTWICK	21-9		16	16.7	10.5	13.6	-	19.8	21	4.2	24	-	-	58	-	11	4	19	12	0	0	0	0	0	0	0	0	0	0	5.03	-	-
DUMFRIES																																
AUCHEN CASTLE	9	9	184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUMFRIES	9	9	49	17.0	10.2	13.6	-0.9	19.9	7	5.2	24	14.8	13.5	91	-	18	14	21	15	0	-	0	0	0	0	0	0	-	0	5.04	103	-
ESKDALEMUIR	21-9		242																													
PSYCHROMETER				15.8	8.4	12.1	-	18.3	7	3.1	2	13.3	11.9	87	77	13	22	24	15	0	0	1	0	0	0	0	0	0	0	4.00	89	-
SCREEN				16.3	8.6	12.5	-0.6	19.0	7	3.3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-
KIRKCUDBRIGHT																																
BARGRENNAN	9	9	110	16.3	8.5	12.4	-	20.2	21	2.2	24	-	-	92	-	20	14	20	18	0	0	0	0	0	0	0	5	-	0	-	-	-
CLATTERINGSHAWS	9	9	178	15.8	9.1	12.5	-	19.1	21	4.8	24	-	-	87	-	14	22	23	18	0	0	0	0	0	1	0	-	-	0	3.77	-	-
DUNDEUGH	9	9	119	16.9	8.9	12.9	-	19.5	7	2.2	24	13.6	-	68	-	15	14	22	13	0	0	0	0	0	0	0	-	-	0	-	-	-
GIRDSTINGWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.74	-	-
GLENLEE	9	9	55	17.1	9.5	13.3	-1.1	20.0	7	3.5	24,30	-	-	64	66	13	14	22	16	-	0	-	-	-	0	0	3	-	-	-	-	-
GLENLOCHAR BARRAGE	9	9	47	17.3	8.6	12.9	-	19.7	7	2.6	24	-	-	95	-	22	14	22	16	0	0	0	0	1	0	0	-	-	0	-	-	-
PALNURE	9	9	15	16.5	-	-	-	18.9	7	-	-	-	-	84	-	18	14	18	16	0	0	0	0	0	3	-	-	-	0	-	-	-
THE LAKE	9	9	3	17.1	10.5	13.8	-	19.1	9,21	5.2	17	-	-	97	-	18	15	24	16	0	0	0	0	0	0	0	0	-	0	-	-	-
THREAVE	9	9	75	17.0	9.6	13.3	-	19.9	7	4.7	30	14.6	-	101	106	22	14	21	17	0	0	0	0	0	0	0	0	-	0	-	-	-
WIGTOWN																																
NEWTON STEWART	9	9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENWHIRN	9	9	166	14.9	9.2	12.1	-	19.5	21	5.0	2.24	-	-	101	-	20	14	21	17	-	-	-	-	-	0	0	0	-	-	4.75	-	-
2 ENGLAND E & NE																																
NORTHUMBERLAND																																
ACKLINGTON	21-9		42	17.9	9.4	13.7	-0.4	21.0	19	5.7	17	-	-	67	-	24	2	15	9	0	0	0	0	2	0	0	0	0	0	6.09	112	S
BERWICK-ON-TWEED	9	9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORBRIDGE	9	9	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAYDON BRIDGE	9	9	79	17.9	9.7	13.8	-	21.3	9	5.3	2	15.3	14.2	81	-	17	2	19	16	0	0	0	0	1	0	0	-	-	0	-	-	-
KIELDER CASTLE	9	9	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEAHOUSES	21-9		11	17.3	10.3	13.8	-	21.8	8	7.7	4	-	-	52	-	18	2	11	11	0	0	0	0	0	0	0	0	0	0	6.56	-	-
TYNE & WEAR																																
CHOPWELLWOOD	9	9	136	17.8	9.7	13.7	-0.9	20.8	1,22	6.5	2,24	-	-	93	141	24	13	18	14	0	0	0	0	0	0	0	0	-	0	-	-	-
TYNEMOUTH	21-9		29	17.2	11.3	14.3	-0.4	21.2	21	8.2	24	-	-	85	144	24	2	16	9	0	0	0	0	2	0	0	0	-	0	5.81	109	-
WASHINGTON	9	9	27	18.2	10.9	14.5	-	21.2	21	7.5	24,25	14.7	13.5	57	-	22	2	19	6	0	0	0	0	2	0	0	-	-	0	4.90	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL H(GMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
2 ENGLAND E & NE -CONTINUED																															
DURHAM																															
DURHAM	9 9	102	18.2	9.8	14.0	-0.9	20.5	7	6.4	30	14.3	13.0	65	115	23	2	20	13	-	0	-	-	-	0	0	0	-	-	4.42	89	5
CLEVELAND																															
HARTBURN GRANGE ...	9 9	31	18.6	9.2	13.9	-	21.6	7	4.6	30	-	-	60	-	22	2	17	10	0	0	0	0	2	0	0	0	-	0	4.38	-	-
HARTLEPOOL	9 9	9	18.3	11.2	14.7	-0.8	21.6	20	8.0	2,24	-	-	56	-	21	2	9	8	0	0	0	0	2	0	0	-	-	0	5.05	-	-
MARTON	9 9	46	18.6	10.5	14.5	-	22.2	20	7.0	30	14.7	13.0	78	-	23	14	20	12	0	0	0	0	1	0	0	0	-	0	4.08	-	-
NORTH YORKSHIRE																															
ASKHAM BRYAN	9 9	34	19.2	-	-	-	23.2	22	-	-	-	-	63	118	11	2	16	13	0	0	0	0	0	0	-	0	-	0	-	-	-
CAWOOD	9 9	6	19.1	10.4	14.7	-	23.0	22	6.7	18	15.6	14.7	69	-	11	31	15	11	0	0	0	0	2	0	0	0	-	0	4.92	-	-
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HIGH MOWTHORPE	9 9	175	17.4	9.4	13.4	-	22.1	22	5.8	19	13.9	-	69	-	14	2	14	10	0	0	0	0	1	0	0	0	-	0	5.06	-	-
LEEMING	21-9	32	18.8	10.7	14.7	-	21.5	8	6.1	23	-	-	68	-	19	2	17	10	0	0	1	0	2	0	0	0	0	0	4.91	-	-
MALHAM TARN	9 9	395	-	8.2	-	-	-	-	5.0	23	13.1	-	178	-	32	2	26	20	0	0	0	0	0	3	0	-	-	0	-	-	-
PICKERING	9 9	44	19.0	9.2	14.1	-	23.8	22	4.1	2	-	-	75	-	15	2	19	11	0	0	0	0	1	0	0	0	-	0	-	-	-
SCARBOROUGH	9 9	53	18.4	10.9	14.7	-	22.5	22	8.5	6	15.3	13.6	76	136	20	2	13	9	0	0	0	1	2	0	0	0	0	1	5.62	99	-
SILPHO MOOR	9 9	203	17.5	9.7	13.6	-	21.3	22	7.3	3,24	13.3	-	74	-	16	2	16	10	0	0	0	0	0	0	0	0	-	0	-	-	-
WHITBY(COASTGUARD) ...	21-9	60	17.4	11.0	14.2	-	22.0	22	9.0	6,23	-	-	37	-	12	2	17	8	0	0	0	0	1	0	0	0	0	1	-	-	-
YORK(HESLINGTON) ...	9 9	20	19.0	10.8	14.9	-	23.5	22	6.5	18	15.6	14.6	59	-	12	2	16	10	0	0	0	0	0	0	0	-	-	0	5.56	-	-
HUMBERSIDE																															
BRIDLINGTON	9 9	48	18.0	9.6	13.8	-	23.4	22	5.5	2	-	-	51	-	14	2	15	10	0	0	0	0	1	0	0	0	-	0	5.89	-	-
BRIGG	9 9	3	20.0	10.4	15.2	-	24.0	22	6.4	18	-	-	54	-	13	2,4	16	8	0	0	0	0	1	0	0	0	-	0	-	-	-
CLEETHORPES	9 9	7	(19.7)	(11.2)	(15.5)	(-0.5)	24.5	22	8.5	2,5	-	-	43	82	15	2	5	5	-	0	-	-	-	0	0	-	-	-	4.69	79	-
HULL	9 9	2	20.0	11.9	15.9	-0.4	24.8	22	9.0	2	16.5	14.5	67	116	18	31	15	10	0	0	0	0	0	0	0	0	-	0	5.22	95	-
KILNSEA	21-9	12	18.4	11.6	15.0	-	24.0	22	7.6	25	-	-	41	-	13	2	13	7	0	0	0	0	1	0	0	-	-	1	5.22	-	-
LINCOLNSHIRE																															
BINBROOK	21-9	108	18.5	10.2	14.3	-	23.5	22	7.0	14	-	-	61	-	14	4	13	9	0	0	0	1	2	0	0	0	0	0	4.84	-	-
CRANWELL	9 9	62	19.4	10.5	14.9	-1.0	23.6	21	7.4	18	16.8	16.1	63	112	19	4	14	8	0	0	0	0	0	0	0	0	0	0	5.69	98	-
LINCOLN	9 9	7	19.5	10.1	14.8	-1.1	24.1	22	3.7	18	15.5	14.0	86	-	32	4	12	10	0	0	0	0	0	0	0	0	-	0	4.55	-	-
SKEGNESS	9 9	5	19.4	11.3	15.3	-0.6	24.5	21	7.5	2	-	-	41	72	14	30	9	8	0	0	0	0	0	0	0	0	0	0	5.10	84	-
WADDINGTON	21-9	68	19.2	11.0	15.1	-0.8	23.7	21,22	8.1	2	-	-	100	-	39	4	13	11	0	0	0	0	0	0	0	0	0	0	5.09	86	-
3 EAST ANGLIA																															
NORFOLK																															
COLTISHALL	21-9	17	19.5	11.3	15.4	-	25.3	22	6.3	2	-	-	67	-	22	4	14	10	0	0	0	0	0	0	0	0	0	0	-	-	-
COSTESSEY	9 9	20	20.0	11.1	15.5	-	25.3	22	7.0	19	-	-	61	-	20	4	12	9	0	0	0	0	0	0	0	0	-	0	-	-	-
CROMER	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST DEREHAM	9 9	53	20.7	10.6	15.7	-	25.1	22	6.8	2	-	-	68	-	21	4	15	9	0	0	0	0	1	0	0	0	-	0	-	-	-
GORLESTON	21-9	4	18.8	12.2	15.5	-0.6	24.6	22	8.6	2,25	15.9	14.2	58	105	16	4	12	8	0	0	0	0	0	0	0	0	0	0	5.32	81	-
MARHAM	21-9	23	19.7	11.2	15.5	-	24.8	8	6.3	2	-	-	76	-	18	4	16	9	0	0	0	0	1	0	0	0	0	0	5.25	-	-
MORLEY ST BOTOLPH ...	9 9	48	19.5	10.6	15.1	-	24.4	22	5.9	2	16.5	-	57	-	15	4	12	9	0	0	0	0	0	0	0	0	-	0	5.46	-	-
SANTON DOWNHAM	9 9	24	20.0	9.5	14.7	-	24.5	8,22	1.3	2	15.2	13.6	65	-	17	4	13	10	-	0	-	-	-	-	0	0	-	-	5.23	-	-
SCOLE	9 9	27	20.2	11.3	15.7	-	25.5	22	6.4	2	16.9	16.1	48	-	13	4	14	11	0	0	0	0	0	0	0	0	-	0	5.32	-	-
TERRINGTON ST CLEMENT	9 9	3	19.9	10.4	15.1	-1.0	23.6	21	5.5	2	15.5	-	56	-	13	2	13	9	0	0	0	0	0	0	0	0	-	0	5.08	88	-
CAMBRIDGESHIRE																															
BOXWORTH	9 9	44	20.0	11.3	15.7	-	24.1	8	7.2	18,25	-	-	34	-	8	15	10	8	0	0	0	0	0	0	0	0	-	0	6.15	-	-
CAMBRIDGE																															
BOTANIC GARDENS ...	9 9	12	20.1	10.9	15.5	-1.2	24.5	8,21	5.5	19	16.6	15.0	31	52	7	13	13	9	0	0	0	0	0	0	0	0	-	0	-	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	20.1	11.1	15.6	-	25.0	8	7.0	18	-	-	40	-	13	25	12	6	0	0	0	0	0	0	0	0	-	0	6.95	115	-
MARCH	9 9	2	20.2	10.8	15.5	-	24.5	8	6.6	19	-	-	55	97	23	2	14	9	-	0	-	-	-	-	0	-	-	-	-	-	-
MEPAL	9 9	1	20.1	10.3	15.2	-	24.3	21	4.1	19	15.7	13.0	46	-	20	2	11	8	0	0	0	0	0	0	0	0	-	0	5.43	-	-
MONKS WOOD	9 9	40	19.7	10.9	15.3	-	23.7	21	6.7	2,21	15.9	13.9	43	-	22	2	11	7	0	0	0	0	0	0	0	0	-	0	5.76	-	-
WITTERING	9 9	73	19.4	11.0	15.2	-	23.2	8,21	6.9	19	-	-	49	-	15	2	13	9	0	0	0	0	2	0	0	0	0	0	5.25	-	-
WYTON	21-9	40	19.8	11.6	15.7	-	24.2	8	7.5	19	-	-	49	-	21	2	11	8	0	0	0	0	1	0	0	0	0	0	-	-	-
SUFFOLK																															
ALDEBURGH	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.42	-	-
BROOMS BARN	9 9	75	19.5	11.4	15.5	-	24.0	8	8.2	18,19,25	16.3	15.1	35	-	8	4	13	8	0	0	0	0	0	0	0	0	-	0	5.63	-	-
EAST BERGHOLT	9 9	4	21.3	10.9	16.1	-	25.5	22	4.2	2	-	-	34	-	10	13	12	10	0	0	0	0	1	0	0	0	-	0	-	-	-
HONINGTON	21-9	50	19.8	11.6	15.7	-	24.6	22	7.3	2	-	-	38	-	12	4	12	6	0	0	0	0	0	0	0	0	0	0	5.21	-	-
LOWESTOFT	9 9	25	19.8	11.5	15.7	-0.5	25.9	22	7.0	18	15.9	14.5	45	84	13	4	14	9	0	0	0	0	0	0	0	0	0	0	5.27	81	-
WATTISHAM	21-9	89	19.7	10.8	15.3	-	24.9	22	5.1	2	-	-	41	-	9	30	13	10	0	0	0	0	0	0	0	0	0	0	5.41	-	-
BEDFORDSHIRE																															
CARDINGTON	21-9	29	20.1	10.9	15.5	-	24.6	21	4.2	19	15.6	14.4	48	-	15	15	14	6	0	0	0	0	1	0	0	0	0	0	6.08	-	-
LUTON	9 9	159	19.5	11.1	15.3	-	25.2	21	5.0	30	17.0	15.1	41	-	17	15	12	7	-	0	-	-	-	0	0	-	-	-	5.78	-	-
SILSOE	9 9	61	19.7	(11.0)	(15.3)	(-1.0)	24.6	30	5.2	19	16.0	14.3	35	-	17	13	11	4	0	0	0	0	1	0	0	0	0	0	6.18	102	-
WOBURN	9 9	89	19.2	10.5	14.9	-1.1	23.6	21	5.0	19	15.4	13.2	41	77	17	15	13	7	0	0	0	0	2	0	0	0	-	0	5.54	96	-
HERTFORDSHIRE																															
ALDENHAM SCHOOL ...	9 9	91	20.5	11.2	15.9	-	25.9	21	6.0	18	16.4	-	25	-	6	13	16	8	0	0	0	0	0	0	0	0	-	0	-	-	-
GARSTON	9 9	78	19.8	11.6	15.7	-	24.5	21	6.6	19	-	-	31	-	10	13	14	8	0	0	0	0	0	0	0	0	0	0	6.62	-	-
HODDESDON	9 9	43	20.5	12.1	16.3	-	24.9	21	6.3	7	17.2	-	36	-	13	16	14	7	0	0	0	0	0	-	0	0	-	0	6.42	-	-
LETCHWORTH	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTHAMSTED	9 9	128	19.4	10.9	15.1	-0.8	24.3	21	7.0	18,19	15.0	13.2	31	-	9	13	13	7	0	0	0	0	0	0	0	0	-	0	6.28	109	-
ST ALBANS	9 9	83	19.8	11.3	15.5	-0.8	24.1	21	5.9	19	16.1	-	26	46	7	13	11	8	0	0	0	0	0	0	0	0	-	0	6.71	-	-
STANSTEAD ABBOTTS ...	9 9	30	(20.5)	12.4	(16.5)	-	24.8	21	6.0	19	17.1	16.6	33	-	19	16	11	5	-	0	-	-	-	0	0	0	-	-	-	-	-
ESSEX																															
CLACTON-ON-SEA	9 9	16	20.3	12.4	16.3	-0.6	24.4	29	8.9	2,25	16.2	14.8	31	-	9	2	8	6	0	0	0	0	1	0	0	0	-	2	5.83	87	-
EARLS COLNE	9 9	49	20.4	11.6	16.0	-0.7	24.7	22	7.2	2	16.4	15.0	30	50	9	13	15	9	0	0	0	0	0	0	0	0	-	0	-	-	-
HARLOW	9 9	79	20.3	11.4	15.9	-	24.6	8	6.5	20,21	-	14.6	27	-	7	16	11	6	0	0	0	0	0	0	0	-	-	0	6.26	-	-
LITTLE PARNDON	9 9	54	19.8	12.1	15.9	-	24.1	21	7.4	18	-	-	30	-	12	16	10	7	-	0	-	-	-	0	0	-	-	-	-	-	-
MALDON	9 9	4	21.0	12.3	16.7	-0.2	25.6	8	7.8	2	-	-	-	-	-	-	-	-	0	-	0	0	1	0	0	-	-	0	-	-	-
SHOEBURYNESS	21-9	2	20.5	13.3	16.9	-0.2	23.9	20	8.9	18	-	-	51	-	14	2	10	8	0	0	0	0	2	0	0	0	0	0	6.56	98	-
SOUTHEND	9 9	2	20.2	13.4	16.8	-	23.4	8,20	9.7	18	-	-	49	-	13	2	10	8	0	0	0	0	0	0	0	0	-	2	(6.72)	-	-
STANSTED	21-9	101	19.7	11.4	15.5	-	24.7	8	7.9	2	-	-	31	-	6	16	14	7	0	0	0	0	0	0	0	0	0	0	-	-	-
WALTON-ON-THE-NAZE ...	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WRITTLE	9 9	32	20.4	11.6	16.0	-0.5	24.6	8	5.1	19	15.9	-	22	38	8	13	10	7	0	0	0	0	1	0	0	0	-	0	6.06	100	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	TERMINAL (CODE) OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	RAINFALL PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
4 MIDLAND COUNTIES																															
WEST YORKSHIRE																															
BRADFORD	9 9	134	17.8	11.2	14.5	-0.7	21.6	8.22	7.9	23	14.7	13.5	75	114	13	4	20	15	0	0	0	0	0	0	0	0	-	0	4.68	90	S
BRAMHAM	9 9	54	18.9	10.5	14.7	-	22.8	22	7.2	23	-	-	73	-	15	13	18	11	0	0	0	0	0	0	0	0	-	0	-	-	-
HUDDERSFIELD																															
OAKES	21-9	232	17.6	10.2	13.9	-1.2	21.9	22	7.2	23	14.2	12.0	92	118	19	2	22	14	0	0	0	0	0	0	0	0	0	2	4.85	97	-
RAVENSKNOWLE	9 9	99	18.8	11.5	15.1	-0.6	22.6	21	8.8	13.14	15.9	14.5	71	111	16	2	18	11	0	0	0	0	0	0	0	0	-	0	5.16	106	-
ILKLEY	9 9	83	17.9	11.0	14.5	-0.9	22.2	8	6.5	23	-	-	89	133	17	2	18	14	0	0	0	0	0	0	0	0	-	0	5.29	108	-
PONTEFRACT	9 9	78	18.4	11.2	14.8	-0.7	22.7	8	8.5	23	-	-	70	125	19	31	13	10	0	0	0	0	2	0	0	-	-	0	-	-	-
WILSDEN	9 9	262	16.8	9.9	13.3	-	20.7	22	7.4	18	-	-	91	-	16	4	21	15	0	0	0	0	0	0	0	0	0	0	-	-	-
SOUTH YORKSHIRE																															
FINNINGLEY	21-9	10	20.0	10.5	15.3	-	24.7	22	5.5	14	-	-	63	-	16	4	16	10	0	0	0	0	1	0	0	0	0	0	4.86	-	-
SHEFFIELD	9 9	131	18.7	11.7	15.2	-0.8	23.3	21	8.0	2	15.2	13.8	68	113	18	4	16	9	0	0	0	0	0	0	0	0	-	0	5.29	103	-
DERBYSHIRE																															
ASHOVER	9 9	186	18.3	10.4	14.3	-	22.9	21	5.7	2	-	-	79	-	17	30	15	10	0	0	0	0	2	0	0	0	-	0	4.46	-	-
BUXTON	9 9	314	16.0	10.1	13.1	-0.8	20.5	8	6.8	13	14.4	14.2	137	133	34	4	20	17	0	0	0	0	0	0	0	0	-	0	4.97	103	S
DERBY	9 9	48	19.6	11.6	15.6	-	24.8	21	7.4	2.13	-	-	62	-	13	2	15	10	0	0	0	0	0	0	0	0	-	0	4.63	-	-
MACKWORTH	9 9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MORLEY	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINGERWORTH	9 9	126	18.6	9.9	14.3	-	23.2	21	4.7	2	14.8	-	74	-	15	4	18	14	0	0	0	0	2	0	0	0	0	0	4.29	-	-
NOTTINGHAMSHIRE																															
MANSFIELD	9 9	114	19.0	11.1	15.1	-0.8	23.5	21	8.0	19	15.7	-	65	-	16	30	15	9	0	0	0	0	0	0	0	0	-	0	-	-	-
NEWTHORPE	9 9	58	19.2	10.9	15.1	-	23.9	21	6.1	2	-	-	73	-	13	31	12	10	-	-	-	-	-	-	0	-	-	-	-	-	-
NOTTINGHAM	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUTTON BONINGTON ...	9 9	48	19.3	10.9	15.1	-0.8	23.8	21	5.4	13	14.9	13.6	68	-	15	2	14	11	0	0	0	0	0	0	0	0	-	0	5.37	99	-
WARSOP	9 9	46	20.0	9.8	14.9	-	24.4	21	4.3	19	-	-	68	-	18	4	14	11	0	0	0	0	0	0	1	-	0	4.47	-	-
WATNALL	21-9	117	18.8	10.7	14.7	-1.0	23.8	21	7.2	2	-	-	75	-	13	31	13	10	0	0	0	0	1	0	0	0	0	0	4.36	83	-
STAFFORDSHIRE																															
KEELE	9 9	179	17.6	10.4	14.0	-	22.4	21	7.3	14	14.1	12.5	89	-	16	3	16	15	0	0	0	0	0	0	0	0	-	0	5.20	-	S
OAKEN	9 9	125	18.7	10.6	14.7	-0.6	23.3	21	7.3	14	15.7	-	54	85	16	2	13	9	0	0	0	0	0	0	0	0	-	0	-	-	S
PENKRIDGE	9 9	101	19.2	10.3	14.7	-	23.8	21	5.5	14	-	-	46	-	13	2	14	8	0	0	0	0	0	0	0	0	-	0	-	-	-
STONE	9 9	107	18.2	10.0	14.1	-	22.6	21	5.4	18	-	-	69	-	12	2	18	10	0	0	0	0	0	0	0	0	-	0	5.82	-	-
LEICESTERSHIRE																															
CALDECOTT	9 9	52	19.7	10.3	15.0	-	24.0	21	5.2	2	-	-	38	-	15	2	14	8	0	0	0	0	0	0	0	0	-	0	5.62	-	-
NEWTOWN LINFORD ...	9 9	119	19.1	10.0	14.5	-	24.2	21	6.1	2	-	-	62	-	14	2	15	13	0	0	0	0	1	0	0	1	-	0	4.64	-	-
SALOP																															
NEWPORT	9 9	64	19.1	10.1	14.6	-0.7	23.5	21	6.1	14	-	-	46	74	13	2	14	9	0	0	0	0	0	0	0	0	-	0	5.13	98	-
OSWESTRY	9 9	174	17.4	10.6	14.0	-1.1	20.8	8	7.4	8	-	-	68	97	12	2	15	12	0	0	0	0	0	0	0	0	-	0	4.52	86	S
SHAWBURY	21-9	72	19.0	10.3	14.7	-1.0	23.0	8	6.0	13	-	-	68	-	15	2	13	12	0	0	0	0	0	0	0	0	-	0	5.01	92	-
SHREWSBURY	9 9	56	19.3	11.6	15.5	-0.6	23.5	8	7.0	25	16.3	15.4	51	-	12	2	15	12	0	0	0	0	0	0	0	0	-	1	5.78	108	-
WEST MIDLANDS																															
BIRMINGHAM																															
EDGBASTON	21-9	163	18.7	11.7	15.2	-0.8	23.5	21	9.5	14.25	12.8	-	60	91	19	2	14	11	0	0	0	0	0	0	0	0	0	0	5.09	96	-
ELMDON AIRPORT ...	21-9	96	19.6	11.2	15.4	-0.5	24.2	21	5.9	19	-	-	44	-	15	2	14	8	0	0	0	0	1	0	0	0	0	0	5.57	98	-
KING EDWARD SCHOOL ...	9 9	137	19.3	10.2	14.7	-	23.8	20	7.6	25	-	-	58	-	13	31	14	10	0	0	0	0	0	0	0	-	-	0	-	-	-
WARWICKSHIRE																															
LUDDINGTON	9 9	56	20.0	10.9	15.5	-	24.5	21	6.3	25	-	-	55	-	33	2	14	6	0	0	0	0	0	0	0	0	0	0	5.92	-	-
MORETON MORRELL ...	9 9	85	19.9	10.9	15.4	-	24.7	21	6.7	19	-	-	61	-	34	2	15	8	0	0	0	0	2	0	0	0	-	0	5.81	-	-
RUGBY	9 9	117	19.7	11.3	15.5	-0.6	23.8	21	7.4	25	16.5	15.1	49	-	24	2	12	8	0	0	0	0	0	0	0	0	0	0	-	-	-
SHIPSTON-ON-STOUR ...	9 9	111	19.1	11.1	15.1	-0.9	23.6	21	7.5	19	14.8	-	46	80	30	2	16	6	0	0	0	0	0	0	0	0	-	1	6.23	108	-
STRATFORD-ON-AVON ...	9 9	49	20.3	10.7	15.5	-0.6	24.8	21	5.5	20.21	16.4	-	59	-	29	2	15	9	0	0	0	0	0	0	0	0	-	0	5.73	102	-
WELLESBOURNE	9 9	47	19.7	10.9	15.3	-	24.3	21	6.0	25	15.8	14.9	53	-	29	2	14	8	0	0	0	0	0	0	0	0	0	0	(6.58)	-	-
NORTHAMPTONSHIRE																															
BUGBROOKE MILLS ...	9 9	69	(19.5)	(10.4)	(14.9)	-	23.3	21	5.2	18	(15.2)	(13.4)	47	-	27	2	10	7	0	0	0	0	0	0	0	-	-	0	(6.69)	-	-
RAUNDS	9 9	59	20.1	10.9	15.5	-0.8	24.5	8	6.0	2	16.4	13.7	66	125	31	2	14	10	0	0	0	0	1	0	0	0	-	0	5.09	92	-
HEREFORD & WORCESTER																															
HEREFORD(SEWAGE WORKS)	9 9	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPSLEY(SEWAGE WORKS) ...	9 9	73	(19.8)	(10.9)	(15.3)	-	24.3	21	5.4	25	(15.3)	(15.0)	47	-	25	2	9	5	0	0	0	0	0	0	0	-	-	0	-	-	-
LYONSHALL	9 9	155	18.7	10.6	14.7	-0.9	23.0	21	7.0	13.14	-	-	54	-	24	2	15	11	0	0	0	0	0	0	0	0	-	0	-	-	-
MALVERN	9 9	62	19.8	12.1	15.9	-	24.2	21	7.5	19	16.7	14.4	58	-	25	2	15	10	0	0	0	0	0	0	0	0	-	2	5.64	95	-
PERSHORE																															
COLLEGE OF HORT. ...	9 9	40	20.2	11.5	15.9	-	24.6	21	8.3	21	-	-	69	-	29	2	14	9	0	0	0	0	0	0	0	0	-	0	6.42	-	-
ROYAL RADAR EST. ...	21-9	35	20.0	11.4	15.7	-	24.7	21	6.8	19	-	-	45	-	22	2	13	7	0	0	0	0	1	0	0	0	0	0	6.20	-	-
PRESTON WYNNE	9 9	84	19.1	10.6	14.9	-	23.2	21	4.7	25	-	-	61	-	29	2	16	11	0	0	0	0	0	0	0	0	-	0	5.23	-	-
ROSS-ON-WYE	21-9	68	19.3	11.5	15.4	-0.9	24.9	21	6.8	19	16.1	14.8	45	96	23	2	14	8	0	0	0	0	1	0	0	0	0	0	4.88	86	-
GLOUCESTERSHIRE																															
CHELTENHAM	9 9	65	19.8	12.1	15.9	-1.0	25.0	21	7.0	25	-	-	39	-	24	2	14	6	0	0	0	0	0	0	0	-	-	0	5.32	94	-
GLOUCESTER	21-9	23	20.0	12.6	16.3	-	24.5	21	7.6	25	-	-	52	-	29	2	14	7	0	0	0	0	2	0	0	0	0	0	5.71	-	-
HEMPSTED	9 9	12	19.7	11.3	15.5	-	23.4	21	6.6	18	16.3	14.4	65	-	31	2	15	11	0	0	0	0	1	0	0	0	-	0	5.72	-	-
LITTLE RISSINGTON ...	21-9	226	18.2	10.9	14.5	-1.0	22.4	21	7.9	12	-	-	57	-	33	2	13	8	0	0	0	0	1	0	0	0	0	0	6.23	107	-
OXFORDSHIRE																															
ABINGDON	21-9	69	19.7	11.4	15.5	-1.1	24.1	21	6.7	25	-	-	35	-	8	2	13	10	0	0	0	0	0	0	0	0	0	0	6.15	99	-
BRIZE NORTON	21-9	81	19.5	11.4	15.5	-	23.8	21	7.5	21	-	-	34	-	13	2	10	8	0	0	0	0	0	0	0	0	0	0	5.74	-	-
LETCOMBE REGIS	9 9	107	19.4	10.5	14.9	-	23.6	21	5.7	18	16.9	-	25	-	7	24	13	5	0	0	0	0	0	0	0	0	-	0	-	-	-
OXFORD	9 9	63	20.1	12.2	16.1	-0.8	24.4	21	8.3	25	17.0	15.4	42	71	13	15	12	10	0	0	0	0	0	0	0	0	0	0	6.06	102	-
SHIRBURN(MODEL FARM) ...	9 9	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WALLINGFORD	9 9	48	19.9	10.8	15.3	-	24.1	21	4.8	18	16.0	14.1	32	-	11	13	15	7	0	0	0	0	1	0	0	0	-	0	5.62	-	-
BUCKINGHAMSHIRE																															
AYLESBURY	9 9	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRENDON UNDERWOOD ...	9 9	67	19.3	9.8	14.5	-	23.8	21	3.0	18	15.7	14.0	38	-	13	15	11	8	0	0	0	0	0	0	0	2	-	0	5.69	-	S
MEDMENHAM	9 9	30	20.0	10.5	15.3	-	24.5	21	4.0	18	-	-	31	-	7	24	13	10	0	0	0	0	0	-	0	0	-	0	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL H(GMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF (A) MAX.	MEANS OF (B) MIN.	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION: 0.2 MM OR MORE	PRECIPITATION: 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY	9 9	65	20.7	12.5	16.6	-0.7	25.0	21	7.0	25	-	-	47	-	11	24	12	8	0	0	0	0	0	0	0	-	-	0	-	-	-
ENFIELD	9 9	17	20.9	12.9	16.9	-	25.6	21	8.9	19	16.7	14.2	25	-	6	2	10	8	0	0	0	0	2	0	0	0	-	0	-	-	-
GREENWICH	9 9	7	(20.9)	13.3	(17.1)	-	25.2	21	8.7	18	-	-	30	-	7	24	12	7	0	0	0	0	0	0	0	0	-	0	6.09	-	-
HAMPSTEAD	9 9	137	(19.7)	-	-	-	24.3	21	-	-	-	-	31	48	7	2	11	7	0	0	0	0	0	0	-	0	-	0	(6.08)	(100)	5
HAMPTON	9 9	12	19.9	12.6	16.3	-1.1	24.0	21	9.4	18	-	-	35	-	9	24	13	7	0	0	0	0	0	0	0	0	-	0	6.15	96	-
HEATHROW AIRPORT ...	21-9	25	20.8	12.5	16.7	-0.7	25.6	21	8.4	25	-	-	30	-	7	24	12	7	0	0	0	0	0	0	0	0	0	0	6.05	-	-
KENSINGTON PALACE ...	9 9	25	20.8	12.9	16.9	-0.8	25.4	21	9.4	18.19.25	17.4	15.5	35	56	7	2	13	7	0	0	0	0	0	0	0	0	-	0	-	-	-
KEW	21-9	6																													
PSYCHROMETER			20.1	12.0	16.1	-	24.3	21	5.8	19	16.1	14.5	34	58	9	24	12	6	0	0	0	0	0	0	0	0	0	0	6.74	106	-
NORTH WALL SCREEN ...			20.6	12.9	16.7	-0.8	25.0	21	8.6	2.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON WEATHER CENTRE	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.41	107	-
ST JAMES PARK	9 9	4	20.8	13.1	16.9	-1.0	25.0	21	9.4	25	-	-	39	67	8	16	13	7	-	-	-	-	-	-	0	0	-	-	-	-	-
SOUTHGATE	9 9	67	20.6	13.1	16.9	-0.2	25.3	9.21	9.4	25	16.1	-	28	44	7	2	11	8	0	0	0	0	0	0	0	0	-	0	6.49	118	-
WADDON	9 9	59	20.4	11.8	16.1	-1.0	25.0	20.21	4.0	13	-	-	43	-	11	15	13	7	-	-	-	-	-	-	0	-	-	-	-	-	-
WEALDSTONE	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.60	-	-
WILTSHIRE																															
BOSCOMBE DOWN	21-9	126	19.3	10.8	15.1	-1.0	22.9	21	6.9	18	-	-	34	72	5	16	14	9	0	0	0	0	1	0	0	0	0	0	6.33	102	-
LACOCK	9 9	49	19.8	10.6	15.2	-	23.5	8	5.0	18	-	-	40	-	9	2	18	10	0	0	0	0	0	0	0	0	-	0	-	-	-
LARKHILL	9 9	132	19.3	11.0	15.1	-0.8	22.7	21	7.2	14	-	-	39	79	10	2	13	9	0	0	0	0	0	0	0	0	0	0	-	-	-
LYNEHAM	21-9	145	18.6	11.1	14.9	-1.0	22.4	21	7.6	18	-	-	52	-	10	2	17	12	0	0	0	0	0	0	0	0	0	0	5.69	-	-
PORTON	9 9	110	19.3	10.3	14.8	-1.0	22.9	21.30	5.4	18	15.5	-	32	66	6	16	12	7	-	0	-	-	-	0	0	0	0	0	5.92	93	-
UPAVON	21-9	179	19.3	10.8	15.1	-	23.8	21	7.0	25	-	-	39	-	8	2	15	9	0	0	1	0	0	0	0	0	0	0	-	-	-
BERKSHIRE																															
EASTHAMPSTEAD	9 9	77	19.7	10.8	15.3	-	24.4	21	4.2	18.25	15.9	14.4	40	-	8	24	14	8	0	0	0	0	1	0	0	0	0	0	6.05	-	-
FINCHAMPSTEAD	9 9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HURLEY	9 9	43	(19.8)	(11.4)	(15.6)	-	24.2	21	6.7	2	(16.5)	-	35	-	7	24	14	9	0	0	0	0	0	0	0	0	-	0	(5.28)	-	-
READING	9 9	66	19.6	11.8	15.7	-	23.5	21	7.4	25	15.9	14.4	35	-	8	16	12	10	0	0	0	0	1	0	0	0	0	0	6.32	-	-
SHINFIELD	9 9	61	(20.2)	(11.5)	(15.9)	(-0.6)	24.0	21	7.0	25	-	-	39	68	10	16	11	9	0	0	0	0	0	0	0	0	-	0	-	-	-
SURREY																															
MICKLEHAM	9 9	55	20.1	10.7	15.4	-0.7	24.3	21	5.0	25	17.0	15.0	61	-	15	15	14	9	0	0	0	0	1	1	0	0	-	0	-	-	-
WISLEY	9 9	35	20.4	11.6	16.0	-0.9	24.6	21	7.2	18.19	16.7	15.4	41	-	7	2	15	9	0	0	0	0	0	0	0	0	-	0	6.46	103	-
KENT																															
DOVER	9 9	6	18.8	13.1	15.9	-0.8	24.2	20	9.3	14	17.2	16.0	60	-	13	23	13	11	0	0	0	0	1	1	0	0	-	0	6.33	94	-
DUNGENESS	9 9	3	18.4	12.8	15.6	-	25.1	20	7.8	18	-	-	57	-	18	24	12	10	0	0	0	0	3	1	0	-	-	0	-	-	-
EAST MALLING	9 9	37	20.0	11.6	15.8	-0.7	24.0	8	5.2	19	16.2	14.9	53	-	13	2	11	8	0	0	0	0	2	0	0	0	-	0	6.61	101	-
ELMSTONE	9 9	5	20.4	11.5	15.9	-	24.1	21	6.2	2	-	-	58	-	10	24	12	10	0	0	0	0	1	0	0	0	-	0	-	-	-
FAVERSHAM	9 9	48	20.3	11.7	16.0	-	23.8	8	6.6	2	16.7	15.5	50	-	12	24	10	10	0	0	0	0	1	0	0	0	-	0	6.33	-	-
FOLKESTONE	9 9	31	18.6	12.1	15.3	-	24.8	20	7.3	14	-	16.1	63	99	13	2	12	9	0	0	0	0	2	0	0	0	-	1	6.34	90	-
GILLINGHAM	9 9	4	-	-	-	-	-	-	-	-	-	-	49	-	11	17	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-
GOODHURST	9 9	85	19.1	11.4	15.3	-0.8	24.1	20	5.0	18	-	-	74	122	18	24	14	9	0	0	1	0	1	0	0	0	-	0	-	-	-
HADLOW COLLEGE	9 9	30	20.0	11.3	15.7	-	23.8	20	5.8	18	16.2	14.8	46	-	11	24	11	9	0	0	0	0	1	0	0	0	-	0	6.15	-	-
HERNE BAY	9 9	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANSTON	21-9	44	19.9	12.0	15.9	-	23.6	8	8.4	12	-	-	59	-	10	2	11	11	0	0	0	0	2	0	0	0	0	0	6.92	-	-
MARGATE	9 9	16	19.8	12.5	16.1	-1.1	23.4	8	9.0	25	16.9	15.4	63	-	17	16	11	10	0	0	0	0	0	0	0	0	-	0	7.00	99	-
THROWLEY	9 9	150	19.0	10.6	14.8	-	22.2	21	6.7	7	15.5	13.9	60	-	10	24	13	9	0	0	0	0	1	0	0	0	-	2	5.73	-	-
ULCOMBE	21-9	47	19.8	10.8	15.3	-	23.9	20	6.2	2.7	-	-	56	-	9	24	14	9	0	0	0	0	3	0	0	0	0	0	6.55	-	-
WHITSTABLE	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYE	9 9	56	19.3	11.3	15.3	-1.2	23.1	20	6.2	2	16.0	14.8	73	124	17	2	10	8	0	0	0	0	1	0	0	0	-	0	6.16	94	-
HAMPSHIRE																															
ALICE HOLT LODGE ...	9 9	115	19.3	11.1	15.2	-0.9	23.7	21	6.5	18	-	-	62	-	11	2	14	9	0	0	0	0	0	0	0	0	-	0	5.73	-	-
EVERTON	9 9	16	18.8	11.7	15.3	-	24.5	20	7.8	25	-	-	44	-	10	12	10	7	0	0	0	0	1	0	0	0	-	0	5.78	-	-
HAYLING ISLAND	9 9	4	19.3	13.4	16.3	-	24.6	20	10.0	18	-	-	37	-	9	12	11	9	0	0	0	0	1	0	0	-	-	0	6.54	-	-
LECKFORD	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONG SUTTON	9 9	145	19.4	11.3	15.3	-	23.4	21	7.4	18	17.6	15.0	59	-	10	24	11	10	0	0	0	0	0	0	0	0	0	0	6.65	107	5
MARTYR WORTHY	9 9	84	19.4	(10.7)	(15.1)	-	23.4	21	5.7	25	-	-	51	-	9	2	11	9	0	0	0	0	0	0	0	0	-	0	5.76	-	-
SOUTHAMPTON (MAYFLOWER PARK) ...	9 9	3	20.0	12.5	16.3	-1.0	25.2	20	9.4	14,18	16.9	15.7	48	-	10	12	11	7	0	0	0	0	1	0	0	0	0	0	6.08	92	-
SOUTH FARNBOROUGH ...	9 9	69	20.0	11.7	15.9	-0.9	24.0	21	6.9	25	-	-	50	89	9	24	14	10	0	0	0	0	2	0	0	0	0	0	6.10	98	-
SOUTHSEA	9 9	2	19.4	13.4	16.4	-0.9	24.9	20	10.4	25	17.2	15.9	37	74	10	12	13	8	0	0	0	0	1	0	0	0	-	0	6.38	90	-
WINCHESTER	9 9	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISLE OF WIGHT																															
RYDE	9 9	4	19.3	12.3	15.8	-1.5	23.5	20	9.5	14	-	-	42	81	10	12	11	7	0	0	0	0	0	0	0	-	-	0	6.56	90	-
ST CATHERINES POINT ...	9 9	16	18.3	13.1	15.7	-0.4	24.8	7	10.1	25	-	-	43	79	10	12	9	8	0	-	0	0	1	0	0	-	-	2	-	-	-
SANDOWN	9 9	4	19.8	13.3	16.5	-0.5	26.2	20	10.2	14,25	-	-	41	-	11	15	7	7	0	0	0	0	0	1	0	-	-	0	7.19	94	-
SHANKLIN	9 9	55	18.1	12.3	15.2	-0.7	24.1	20	9.0	5	-	-	46	-	12	15	11	9	0	-	0	0	0	0	0	-	-	0	7.48	94	-
VENTNOR	9 9	135	17.9	12.5	15.2	-1.1	24.6	20	9.7	25	16.7	15.2	48	-	11	12	12	10	0	0	0	0	0	1	0	0	-	0	6.15	84	-
WEST SUSSEX																															
BOGNOR REGIS	9 9	7	18.9	13.1	16.0	-0.3	25.4	20	9.7	12	-	15.5	31	59	12	3	12	5	0	0	0	0	0	0	0	0	-	0	6.53	93	-
FERNHURST	9 9	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATWICK AIRPORT ...	21-9	59	19.6	11.1	15.3	-	23.9	20	5.7	19	-	-	62	-	20	24	14	9	0	0	0	0	0	0	0	0	0	0	6.17	-	-
LITTLEHAMPTON	9 9	5	19.1	12.4	15.7	-0.8	26.4	20	8.8	25	-	15.9	39	71	13	2	9	6	0	0	0	0	1	1	0	-	-	0	-	-	-
NORTH HEATH	9 9	21	20.3	11.1	15.7	-	24.7	20	5.9	25	16.7	14.5	76	-	23	15	13	10	0	0	0	0	0	0	0	0	0	0	6.61	-	-
ROGATE	9 9	64	19.6	10.5	15.1	-	24.5	20	6.8	18.25	17.2	-	66	-	20	15	10	8	0	0	0	0	0	0	0	0	-	0	-	-	-
THORNEY ISLAND	21-9	4	19.4	12.8	16.1	-	25.0	20	8.6	2.18	-	-	31	63	8	12	10	7	0	0	0	0	0	0	0	0	0	0	6.17	-	-
WORTHING	9 9	2	18.8	12.5	15.7	-	25.6	20	8.9	14	17.9	-	46	-	13	24	10	7	0	0	0	0	1	0	0	0	-	0	6.42	-	-
EAST SUSSEX																															
BEXHILL	9 9	4	18.7	12.7	15.7	-0.8	26.0	20	9.2	12	17.2	-	51	96	11	2	13	9	0	0	0	0	0	1	0	0	-	0	6.21	90	-
BODIAM	9 9	22	19.5	11.3	15.4	-0.9	25.0	20	5.6	19	17.0	15.3	66	110	17	15	11	9	0	0	0	0	2	0	0	0	-	1	5.53	85	-
BRIGHTON	9 9	10	18.3	13.6	15.9	-0.8	25.4	20	10.1	25	-	(16.7)	41	-	9	12	14	7	0	0	0	0	0	1	0	0	-	1	6.42	93	-
EASTBOURNE COASTGUARD	21-9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON SQUARE ...	9 9	7	18.8	13.5	16.1	-0.5	25.1	20	10.8	19	17.0	16.0	56	-	16	2	14	7	0	-	0	0	0	0	0	0	-	0	7.20	94	-
EAST HORTHLY	9 9	40	18.8	10.6	14.7	-	24.9	20	4.5	12	-	-	57	-	17	24	14	9	0	0	0	0	1	0	0	0	0	0	6.03	-	-
HASTINGS	9 9	45	18.6	12.9	15.7	-0.8	24.8	20	9.6	25	18.4	16.8	51	-	12	2	13	9	0	0	0	0	2	1	0	0	-	0	5.87	85	-
PLUMPTON	9 9	76	18.8	12.3	15.5	-	24.6	20.21	9.0	2.25	-	-	81	-	17	2	16	12	0	0	0	0	0	0	0	0	-	0	6.39	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	TERMINAL H(GMT) OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORLE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE	21-9	26	17.7	10.6	14.1	-	19.8	31	4.8	30	-	-	80	-	13	2	20	15	0	0	0	0	0	0	0	0	0	0	4.35	-	-
CARTMEL	9 9	34	17.0	10.3	13.7	-	19.3	8	3.0	24	-	-	149	-	25	15	21	16	0	0	0	0	0	1	0	-	-	0	-	-	-
GRIZEDALE	9 9	91	16.3	9.1	12.7	-	18.9	7	4.4	30	14.7	-	146	-	32	15	27	17	0	0	0	0	0	0	0	-	-	0	-	-	-
HEVERSHAM	9 9	30	17.9	10.5	14.2	-	20.1	16.20	6.2	17	-	-	137	-	31	15	22	18	0	0	0	0	1	0	0	0	-	0	-	-	-
MOOR HOUSE	9 9	556	13.4	7.1	10.3	-	15.9	7	2.3	2	10.4	-	154	-	29	2	27	21	0	0	1	0	0	1	0	4	-	4	3.80	-	-
NEWTON RIGG	9 9	171	17.3	9.9	13.6	-0.7	21.2	7	4.9	30	15.6	-	82	-	18	2	23	16	0	0	0	0	0	0	0	0	-	0	4.30	88	S
SELLAFIELD	9 9	13	16.4	11.6	14.0	-	18.1	17	7.5	30	-	-	118	-	28	14	20	17	0	0	-	-	-	0	0	0	-	-	4.47	-	-
LANCASHIRE																															
BAILRIGG	9 9	53	(16.5)	(11.3)	(13.9)	-	19.5	8	7.8	18	-	-	145)	-	32	2	19	17	0	0	0	0	0	0	0	0	-	1	-	-	-
HELMSHORE	9 9	260	15.8	10.0	12.9	-	20.0	8	7.0	13	13.5	-	158	-	28	4	20	17	0	0	0	0	0	2	0	0	-	0	4.49	-	S
KIRKHAM	9 9	24	17.1	11.4	14.3	-	20.4	8	7.4	30	-	-	127	-	21	2	20	15	0	0	0	0	0	0	0	0	-	0	4.72	-	-
MORECAMBE	9 9	7	17.6	12.6	15.1	-0.6	20.0	13	9.5	30	-	-	144	180	27	2	21	18	0	0	0	0	0	0	0	-	-	0	4.17	76	-
NELSON	9 9	165	16.7	10.0	13.3	-1.3	21.1	8	6.5	17	14.5	12.7	129	-	22	2	19	16	-	0	-	-	-	1	0	0	-	-	3.52	76	S
PRESTON	9 9	33	17.4	(11.5)	(14.5)	-	20.5	8	7.9	2	-	-	123	143	20	4	20	17	0	0	0	0	0	1	0	0	-	0	-	-	-
SLAIDBURN	9 9	192	16.1	10.2	13.1	-	19.4	8	6.9	18.23	-	-	166	142	35	2	25	16	0	0	0	0	0	0	0	0	-	0	4.05	-	-
SQUIRES GATE AIRPORT ...	21-9	10	17.4	12.5	14.9	-0.6	20.4	8	7.6	2	-	-	120	-	24	30	19	14	0	0	0	0	1	0	0	0	0	0	4.80	79	-
STONYHURST	9 9	115	(16.6)	(10.6)	(13.6)	(-1.4)	20.2	8	7.4	2	-	-	151	137	25	2	22	17	0	0	0	0	0	0	0	0	-	0	(3.95)	(81)	-
MERSEYSIDE																															
BIRKENHEAD	9 9	12	18.1	12.5	15.3	-	21.6	21	10.3	13	-	-	106	-	22	3	17	11	0	0	0	0	0	0	0	-	-	0	-	-	-
SOUTHPORT	9 9	5	17.0	12.1	14.5	-1.0	20.2	8.22	8.9	2	15.5	12.5	114	-	25	30	15	13	0	0	0	0	0	0	0	0	-	0	5.18	87	-
SPEKE AIRPORT	21-9	22	18.7	11.9	15.3	-0.9	22.6	21.22	8.9	13	-	-	120	-	22	30	18	13	0	0	0	0	2	0	0	0	0	0	5.59	106	-
WEST KIRBY PARK ...	9 9	8	18.6	12.9	15.7	-0.4	23.4	8	10.0	13	-	-	103	-	23	3	18	12	0	0	0	0	0	-	0	0	-	0	5.01	87	-
GREATER MANCHESTER																															
BOLTON	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANCHESTER																															
RINGWAY AIRPORT ...	21-9	75	17.9	11.4	14.7	-1.0	22.1	21	9.1	13	-	-	129	-	23	4	18	14	0	0	0	0	1	0	0	0	0	0	4.51	90	-
WEATHER CENTRE ...	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.35	-	-
ROCHDALE	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHESHIRE																															
KNUTSFORD	9 9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACCLESFIELD	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NESS GARDENS	9 9	55	18.4	11.5	14.9	-	23.2	8	8.9	18	16.1	-	79	-	18	3	14	10	0	0	0	0	0	0	0	0	-	0	4.73	-	-
WINNINGTON	9 9	20	19.3	10.8	15.1	-1.4	23.4	8	7.9	13	-	-	95	-	19	3	16	14	0	0	0	0	1	0	0	0	-	1	-	-	-
ISLE OF MAN																															
DOUGLAS	9 9	87	16.2	10.9	13.5	-0.8	18.5	9	8.2	18	-	-	103	134	19	4	16	12	0	0	0	0	0	1	0	0	-	2	5.87	95	-
POINT OF AYRE	21-9	9	18.0	11.3	14.7	-0.4	22.2	21	7.2	2	-	-	60	101	12	4	17	13	0	0	0	0	0	0	0	-	-	2	5.77	95	-
RONALDSWAY AIRPORT ...	21-9	16	16.5	11.0	13.7	-0.6	18.5	7	6.7	30	-	-	82	-	17	4	17	11	0	0	0	0	0	0	0	0	0	0	5.63	93	-
7B WALES N																															
GWYNEDD																															
BALA	9 9	163	16.4	10.7	13.5	-	20.1	8	4.3	25	14.9	14.3	134	-	27	30	20	16	0	0	0	0	1	0	0	0	-	0	4.19	-	S
BARDSEY ISLAND	21-9	16	15.7	12.2	13.9	-	17.2	20	10.5	3	-	-	79	-	16	4	14	12	0	0	0	0	0	0	0	0	0	2	-	-	-
BOTWNNOG	9 9	34	17.3	11.4	14.3	-	19.1	23	8.5	18	16.6	15.0	101	-	19	4	13	12	0	0	0	0	0	1	0	0	-	0	5.25	-	-
PEN-Y-FFRIDD	9 9	84	17.6	10.9	14.3	-	20.2	9	7.8	25	-	-	167	-	25	30	15	15	0	0	0	0	0	0	0	0	-	0	4.14	-	-
TRAWSFYNYDD	9 9	193	16.1	10.2	13.1	-	18.8	16	7.6	25	-	-	231	-	46	30	22	17	0	0	0	0	0	3	0	0	0	0	-	-	-
VALLEY	21-9	10	16.8	12.1	14.5	-0.6	19.3	20	9.8	25	-	-	84	-	15	4	13	12	0	0	0	0	0	0	0	0	0	0	5.46	91	-
CLWYD																															
ALWEN	9 9	335	15.0	9.2	12.1	-	20.2	8	5.5	18.23	-	-	127	155	19	2	22	17	-	-	-	-	-	-	0	0	-	-	-	-	-
BWLCHGWYN	9 9	386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLWYN BAY	9 9	24	18.2	12.6	15.4	-	21.4	21	10.2	25	15.5	-	88	-	13	30	17	11	0	0	0	0	0	0	0	-	-	0	5.61	94	-
CORWEN	9 9	144	17.3	10.2	13.7	-	21.6	8	5.0	25	-	-	99	-	18	30	17	13	0	0	0	0	0	-	0	0	-	0	-	-	-
HAWARDEN BRIDGE ...	9 9	5	(19.7)	(12.1)	(15.9)	(-0.2)	23.9	21	9.0	13.14.21	-	-	80	134	20	30	15	10	0	0	0	0	0	1	0	-	-	0	-	-	-
LOGGERHEADS	9 9	210	16.7	10.1	13.4	-	20.8	8	7.3	18	14.2	13.1	93	-	19	3	19	13	0	0	0	0	0	0	0	0	-	0	5.05	-	S
PRESTATYN	9 9	1	17.9	12.6	15.3	-0.4	22.1	21	11.0	5	-	-	75	142	15	30	14	12	0	0	0	0	0	0	0	-	-	0	4.86	90	-
RHYL	9 9	9	18.0	12.1	15.1	-0.5	21.2	21	9.5	20	-	-	101	207	23	9	12	10	0	0	0	0	0	0	0	-	-	0	4.82	83	-
RUTHIN	9 9	76	17.9	10.4	14.1	-	22.0	8	6.9	18	-	-	47	-	9	2	17	19	0	0	0	0	0	0	0	-	-	0	4.39	-	-
WREXHAM	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWYS(NORTH)																															
CEINWS	9 9	61	17.9	9.9	13.9	-	21.0	8.23	5.5	25	-	-	339	-	42	14	19	19	0	0	0	0	0	0	0	0	-	0	-	-	-
LAKE VYRNWY	9 9	303	15.5	9.8	12.7	-1.3	20.0	8	5.9	25	13.4	-	180	-	34	30	19	18	0	0	0	0	0	1	0	0	-	0	-	-	-
MOEL CYNNEDD	9 9	358	15.4	9.4	12.4	-	19.6	8	4.8	21	-	-	287	-	38	4	24	20	0	0	0	0	0	0	0	0	-	0	-	-	-
8A WALES S																															
DYFED																															
ABERPORTH	21-9	133	16.7	11.6	14.1	-0.6	19.6	7.21	8.4	13	-	-	54	82	12	2	15	10	0	0	0	0	0	0	0	0	0	0	5.60	94	-
ABERYSTWYTH	9 9	4	-	-	-	-	-	-	-	-	-	-	91	-	17	4	18	15	0	0	0	0	0	0	-	-	-	0	-	-	-
BRYNAMMAN	21-9	183	16.9	10.7	13.8	-	21.1	21	7.4	25	-	-	145	-	38	2	22	16	0	0	0	0	0	1	0	0	-	0	-	-	-
CARMARTHEN	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S
CWMYSTWYTH	9 9	301	15.2	9.2	12.2	-	18.3	8	4.9	21	-	-	227	-	29	4	25	20	0	0	0	0	0	2	0	0	-	0	3.53	-	S
DALE FORT	9 9	33	17.1	12.6	14.9	-0.6	19.3	20	9.3	3	16.2	-	52	-	15	1	13	8	0	0	0	0	0	0	0	0	-	2	5.01	-	-
ESGAIRWEN-UCHAF ...	9 9	332	15.6	10.1	12.9	-	19.3	21	7.1	13	-	-	109	-	26	2	23	14	0	0	0	0	0	4	0	0	-	0	4.11	-	-
GOGERDDAN	9 9	31	16.9	12.0	14.5	-	21.1	8	7.9	21	-	-	103	-	17	4	19	16	0	0	0	0	0	2	0	0	-	0	4.58	-	-
HAVERFORDWEST	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LLETY-EVAN-HEN	9 9	290	14.7	10.4	12.5	-	18.0	8	8.4	3	-	-	197	170	33	4	22	20	0	0	0	0	0	9	0	0	-	0	3.56	78	-
MILFORD HAVEN (CONSERVANCY BOARD)	21-9	37	17.0	12.4	14.7	-	19.3	20	10.0	3	-	-	78	-	24	2	17	13	0	0	0	0	0	0	0	0	0	0	-	-	-
ORIELTON	9 9	61	(17.6)	(11.4)	(14.5)	-	20.8	20	7.6	13	(15.8)	-	92	-	29	2	17	10	0	0	0	0	0	0	0	0	-	0	-	-	-
SWYDDFFYNNON	9 9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENBY	9 9	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.52	-	-
TRAWSCOED	9 9	61	17.4	11.0	14.2	-	20.3	8	6.0	21	15.6	-	123	-	19	4	18	17	0	0	0	0	0	4	0	0	-	0	4.80	93	-
POWYS(SOUTH)																															
CEWARTH MILL	21-9	282	16.2	9.8	13.0	-	20.0	8	4.9	21	-	-	81	-	17	2	19	15	0	0	0	0	0	0	0	0	-	0	-	-	-
LLANDRINDOD WELLS ...	9 9	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	RAINFALL PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
8A WALES S CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD	21·9	36	16.8	12.4	14.6		21.0	20	10.0	14.25									0	0	0	0	0	0	0	0	0	1				
NEATH	9 9	62	18.1	12.4	15.3		21.3	21	8.0	25			131	131	43	2	23	16	0	0	0	0	1	0	0	0		0				
PENMAEN	9 9	85	17.6	11.8	14.7		21.0	20	9.0	13.14	16.4	15.6	108		41	2	20	18	0	0	0	0	2	0	0	0	0	0	4.52			
PORT TALBOT	9 9	7																														
SWANSEA	9 9	8	18.2	12.6	15.4	1.1	21.8	21	10.0	14	17.5	16.6	117	137	46	2	20	16	0	0	0	0	0	0	0	0		0				S
MID GLAMORGAN																																
LLWYNON	9 9	242	16.3	10.3	13.3		20.6	21	4.8	25			171	157	41	2	21	17	0	0	0	0	8	0				0	4.14			
PORTHCAWL	9 9	6	17.8				20.0	17					102		39	2	19	16	0	0	0	0	0	3				0	4.60			S
SOUTH GLAMORGAN																																
CARDIFF	9 9	62																														S
RHOOSE AIRPORT	21·9	67	17.8	11.8	14.8		21.0	8	7.4	14			84		35	2	21	15	0	0	0	0	0	0	0	0	0	0	5.21			
GWENT																																
CRUMBLAND	9 9	245	17.5	10.4	13.9		22.8	21	6.6	25	14.2	13.3	85		36	2	15	10	0	0	0	0	1	1	0	0		0	4.89			
NEWPORT	9 9	23	19.1	10.9	15.0		22.6	21	5.8	25			91		41	2	16	10	0	0	0	0	1	0	0	0		0	5.22			
TREDEGAR	9 9	313																														
USK	9 9	21	(19.5)	(10.7)	(15.1)	(0.9)	24.5	21	5.0	19	(16.5)		160		98	14	12	9	0	0	0	0	0	1	0	0		0	3.81	68		
8B ENGLAND SW																																
AVON																																
BATH	9 9	118	(18.5)	(12.0)	(15.3)		22.0	8	8.9	19	(15.9)		43		11	16	15	10	0	0	0	0	1	0	0			0				
FILTON	21 9	59	18.6	12.5	15.5	1.0	22.8	8	7.6	18			59		29	2	14	11	0	0	0	0	1	0	0	0	0	0	4.91	81		
LONG ASHTON	9 9	51	18.5	11.8	15.1	1.2	22.3	8	6.5	19	(16.1)		82	117	30	2	18	13	0	0	0	0	0	0	0	0		0	5.46	89		
SOMERSET																																
CANNINGTON	9 9	23	19.4	12.0	15.7	-1.0	24.0	22	8.5	2.19	18.1		74	39	9	2	15	7	0		0	0	0	0	0	0		0	5.07	76		
CHEDDAR	9 9	11																														
DOWNSIDE ABBEY	9 9	183	18.3	11.3	14.8		21.8	8	7.9	14.19			73		16	14	13	10	0		0	0	0	0	0			0				
EXTON	21 9	336	16.8	10.2	13.5		20.6	21	6.6	14.25			92		28	2	23	16	0	0	0	1	0	0	0	0		0				
HAWKRIDGE	9 9	314	16.0	10.2	13.1		19.6	8	6.6	18			114		27	2	25	15	0	0	0	0	1	0	0			0	(3.70)			
WETTLECOMBE	9 9	96	18.7	11.0	14.9		22.0	21	6.1	2	16.9		37		17	2	12	10	0	0	0	0	0	0	2			0				
RODNEY STOKE	9 9	40	18.7	11.5	15.1		22.0	8	7.8	18	16.8	14.8	35		9	14	17	11	0	0	0	0	0	0	0			0				
WINCANTON	9 9	114																														
YEOVILTON	21 9	18	20.0	11.5	15.7		23.3	21	5.4	25			23		6	2	11	5	0	0	0	0	0	0	0	0	0	0				
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT	21 9	10	19.7	11.7	15.7		23.9	20	6.1	18			39		11	12	10	9	0	0	0	0	1	0	0	0	0	0	6.16			
MEYRICK PARK ...	9 9	40	19.0	12.1	15.5	1.1	22.6	20	8.5	2	16.6	15.1	44	88	10	12	10	9	0	0	0	0	1	0	0		2	0	6.68	93		
CHRISTCHURCH	9 9	3	19.6	12.3	15.9		24.2	20	7.0	25			60		17	13	10	9	0	0	0	1	0	1	0	0		0				
POOLE	9 9	5	19.9	11.3	15.6	1.1	23.7	21	6.5	14	17.3	16.3	38		10	12	8	8	0	0	0	0	0	0	0			0	6.69	94		
PORTLAND BILL (COASTGUARD)	21 9	53	17.0	12.9	14.9	0.8	19.6	17	10.9	8			28		11	12	8	6	0	0	0	0	0	1	0	0	0	0	6.70			
SHAFTESBURY	9 9	207																														
SWANAGE	9 9	11	18.9	12.4	15.7	0.6	24.0	20	8.7	25		15.8	57	115	11	12	10	8	0		0	0	0	1	0	0		0	6.94	92		
WEYMOUTH	9 9	25	19.2	12.6	15.9		23.7	20	7.5	2			27		9	12	8	7	0	0	0	0	0	0	0			0	6.74	92		
WINFRITH	9 9	26	19.2	11.1	15.1		23.5	20.25	6.8	2			33		9	12	9	7	0	0	0	0	1	0	0	0		0				
DEVON																																
CHELDON BARTON	21·9	164	18.5	10.8	14.7		22.3	8.21	6.0	25	15.8		49		16	2	21	11	0	0	0	0	0	0	0	0		0	4.05			
CHIVENOR	21 9	6	17.9	12.8	15.3	0.8	23.3	8	9.0	14.18			49		20	2	18	13	0	0	0	0	0	0	0	0	0	0	4.09	64		
EXETER AIRPORT	21 9	32	19.9	12.0	15.9	0.4	24.0	21	7.0	18			23		7	2	12	7	0	0	0	0	0	0	0	0	0	0	4.96	81		
EXMOUTH	9 9	59	19.8	12.6	16.2	+0.3	23.5	30	9.4	18			28		7	2	12	6	0	0	0	0	0	1	0			0	6.40	94		
HARTLAND POINT	21 9	91	15.8	12.3	14.1	1.2	18.3	21	9.4	2.3			51	73	26	2	18	11	0	0	0	0	0	3	0	0	0	1	4.45	70		
NEWTON ABBOT	9 9	83	(19.6)	(11.8)	(15.7)	(0.4)	24.0	21	7.3	2			31	51	9	2	11	7	0	0	0	0	1	0	0	0		0	(6.16)	(94)		
PLYMOUTH																																
MOUNT BATTEN	21·9	27	17.5	12.3	14.9	1.0	20.0	21	8.0	19			46	64	12	2	13	10	0	0	0	0	0	0	0	0	0	0	4.96	74		
THE HOE	9 9	36																														
PRAWLE POINT	21 9	59																	0	0	0	0	0	2				3	5.84			
SIDMOUTH	9 9	10																														
SLAPTON	9 9	32	19.2	12.0	15.6		23.1	20	7.5	18			58		13	14	12	10	0	0	0	0	0	1	0	0		0				
STARCROSS	9 9	9	20.0	11.6	15.8	-0.1	23.4	30	6.8	2	16.3		30		9	13	10	5	0	0	0	0	1	0	0	0		0	6.32	95		
TAVISTOCK	9 9	139	18.5	11.3	14.9		23.2	21	6.8	25		13.5	72		23	2	18	14	0	0	0	0	0	0	0	0		0				
TEIGNMOUTH	9 9	6	19.7	12.8	16.3	0.4	23.8	21	9.3	2			31	57	7	2	11	7	0	0	0	0	0	0	0	0		1	6.37	90		
TORBAY(TORQUAY) ...	9 9	8	19.8	12.6	16.2	0.3	24.2	21	9.0	2		16.5	37	64	7	2	11	7	0	0	0	0	1	0	0	0		0	5.99	84		
TOTNES	9 9	84																														
VIRGINSTOW	9 9	168																														
CORNWALL																																
BASTREET	9 9	232	16.6	10.5	13.5		20.0	8	6.5	2			89		19	2	22	16	0	0	0	0	0	1	0			0	4.45			
BUDE	9 9	15	17.2	13.3	15.3	0.3	20.1	8	8.1	19	17.3		47		15	2	18	11	0	0	0	0	0	0	0			0	3.86	63		
CULDROSE	9 9	81	16.6	11.8	14.2		19.5	21	9.0	13			55		9	2	17	12	0	0	0	0	0	3	0	0		0	(5.43)			
ELLBRIDGE	9 9	69																														
FALMOUTH	9 9	51	18.2	11.9	15.1	0.8	22.0	21	10.0	3.13.20			58	81	12	1	13	11	0	0	0	0	0	0	0			0	5.88	89		
FOWEY	9 9	75	17.8	12.0	14.9	1.2	21.5	21	9.0	19			41		15	2	14	8	0	0	0	0	0	0	0			0				
GWENNAP HEAD	21 9	66	15.6	12.6	14.1		16.7	7.30	10.0	15			33		6	2	16	7	0	0	0	0	0	3	0	0	0	2				
LIZARD	9 9	73	17.3	12.3	14.8	0.6	19.2	31	9.4	13			41		11	2	13	7	0	0	0	0	0	6	0			0	5.32	76		
NEWQUAY	9 9	54																														
PENZANCE	9 9	19	18.5	12.6	15.5	0.6	20.9	21	9.2	29			59	83	11	14	17	11	0	0	0	0	0	0	0			0	5.55	81		
ROSEWARNE	9 9	76	17.4	12.7	14.8		19.7	8	9.1	13	17.5	15.7	45		10	2	19	12	0	0	0	0	0	2	0	0		0	4.44			
ST AUSTELL	9 9	94	18.5	12.2	15.3		22.0	21	9.4	18.29			52	65	16	2	18	13	0	0	0	0	0	0	0			0	5.56			
ST MAWGAN	21-9	103	16.8	12.4	14.6		20.3	8	9.3	3			55		13	2	18	12	0	0	0	0	0	3	0	0	0	0	4.69			
SCILLY(ST MARYS) ...	21-9	48																														
CHANNEL ISLES																																
ALDERNEY	9 9	88	17.4	12.2	14.8		22.5	8	9.9	2	17.5		59		28	12	13	10	0	0	0	0	0	2	0	0		0	6.68			
GUERNSEY																																
AIRPORT	21 9	104	17.3	12.6	14.9	0.8	22.7	8	10.2	12	16.3	15.0	58		30	12	14	9	0	0	0	0	0	3	0	0	0	0	7.23	89		
L'ANCRESSE	9 9	5	18.6	13.0	15.8		24.3	8	9.6	2			58		31	12	11	8	0		0	0	0	0	0			0	7.73			
JERSEY																																
AIRPORT	9 9	83	17.8	12.4	15.1		24.5	8	9.4	2	16.8	15.2	47		13	11	12	9	0	0	0	0	0	1	0	0	0	0	6.62			
GOREY CASTLE																													(7.25)			
ST HELIER	9 9	47	19.7	13.3	16.5	1.0	26.3	8	10.4	2			44	92	15	12	10	7	0	0	0	0	0	0	0	0		0	7.45	90		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	TERMINAL HIGHT OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	DATE	LOWEST MINIMUM MIN.	DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 C	CONCRETE MIN. BELOW 0 C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO	9	9	18	17.0	10.1	13.5	-	20.4	7	6.0	24	-	-	76	-	16	4	18	16	-	-	-	-	-	-	0	0	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9	9	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLERAINE UNIVERSITY ...	9	9	23	16.4	9.9	13.1	-	20.5	7	4.5	24	14.2	12.4	68	-	19	14	19	10	0	0	0	0	0	0	0	1	-	0	4.26	94	-
COOLKEERAGH	9	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERRYNOYD FOREST ...	9	9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GARVAGH FOREST	9	9	88	16.7	8.8	12.7	-	20.2	7	2.5	25	15.2	12.3	92	-	15	4	21	16	0	0	0	0	0	0	0	1	-	-	-	-	-
LOUGHERMORE FOREST ...	9	9	174	16.0	8.8	12.4	-	20.0	7	1.5	25	-	-	93	-	16	4	22	19	0	0	0	0	0	0	0	2	-	0	-	-	-
MONEYDIG	21	9	34	17.4	9.4	13.4	-0.7	20.9	21	3.5	25	16.1	-	85	93	17	14	18	13	0	0	0	0	0	0	0	0	0	0	-	-	-
SOMERSET FOREST ...	9	9	43	17.5	9.8	13.7	-	21.4	8	6.1	25	-	-	73	-	15	14	18	13	0	-	0	0	0	0	0	0	-	-	-	-	-
TRAAD POINT	9	9	16	17.7	9.5	13.6	-	22.0	21	4.4	24	-	-	77	-	19	4	21	15	0	0	0	0	0	0	-	-	-	0	-	-	-
ANTRIM																																
ALDERGROVE AIRPORT ...	21	9	68	17.3	10.3	13.8	-0.6	21.3	21	6.0	25	15.5	13.0	83	-	16	4	21	16	-	-	-	-	-	-	0	0	0	-	4.06	92	-
ALTNAHINCH	9	9	226	15.0	8.3	11.7	-	20.0	7	4.0	24	-	-	103	-	16	4	23	17	0	0	0	0	0	1	0	0	-	0	3.38	-	-
BALLYLUMFORD	9	9	24	17.4	10.3	13.9	-	21.0	7,21	7.4	24	-	-	65	-	12	2	16	9	-	-	-	-	-	-	0	0	-	-	-	-	-
BALLYMONEY	9	9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYPATRICK FOREST ...	9	9	152	-	-	-	-	-	-	-	-	-	-	76	-	13	4	20	17	0	0	0	0	0	0	-	-	-	0	4.46	-	-
GREENMOUNT	9	9	32	17.2	9.1	13.1	-	21.0	21	4.2	24	15.8	-	83	-	15	4	19	13	0	0	0	0	0	-	0	0	-	-	-	-	-
KILROOT	9	9	22	17.6	10.3	13.9	-	21.6	21	6.4	25,26	-	-	67	-	11	14	19	15	0	0	0	0	0	0	0	0	-	-	-	-	-
LARNE	9	9	43	18.1	10.2	14.1	-	21.9	21	6.2	25	-	-	71	-	11	2	22	15	0	0	0	0	0	0	-	-	-	-	-	-	-
LISNAFILLAN	9	9	38	16.9	9.4	13.1	-	21.0	21	3.5	25	-	-	80	-	16	4	21	13	0	0	0	0	0	0	0	0	-	-	4.49	-	-
LOWTOWN	9	9	271	14.9	8.6	11.7	-	18.8	21	5.4	25	12.7	-	99	-	18	14	25	15	0	0	0	0	0	2	0	0	-	0	4.13	-	-
MALUSK(HYDE PARK) ...	9	9	134	-	-	-	-	-	-	-	-	-	-	101	-	55	27	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKMORE FOREST ...	9	9	235	15.0	8.3	11.7	-	18.7	21	3.9	24	13.4	-	107	-	17	4	20	18	0	0	0	0	0	0	0	1	-	0	-	-	-
WOODBURN NORTH	9	9	217	15.7	9.1	12.4	-	20.0	21	4.5	24	-	-	94	90	14	14	23	17	0	0	0	0	0	3	0	0	-	0	-	-	-
BELFAST																																
MALONE	9	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN	9	9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTOWNABBEY	9	9	32	17.3	11.3	14.3	-	21.6	21	8.1	24	15.8	-	79	-	17	14	17	14	0	0	0	0	0	0	0	0	0	0	4.35	-	S
ROSEBANK	9	9	47	17.7	10.6	14.1	-	21.6	21	6.6	30		-	73	-	15	4	19	15	-	0	-	-	-	-	0	-	-	-	-	-	-
ROSETTA	9	9	24		-		-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STORMONT CASTLE ...	9	9	56	17.3	10.3	13.8	-	21.7	21	7.0	25	15.7	14.2	64	-	17	4	19	13	0	0	0	0	0	0	0	0	-	-	4.14	-	-
DOWN																																
BALLYWALTER PARK ...	-	-	11	-	-	-	-	-	-			-		71	-	14	4	23	15	-	-	-	-	-	-	-	-	-	-	4.38	-	-
COMBER CEMETERY ...	9	9	11	17.8	10.1	13.9	-	22.0	21	6.0	18.30	-	-	76	-	15	4	21	15	0	-	0	0	1	-	0	0	-	-	-	-	-
CREIGHTONS GREEN ...	9	9	119	16.4		-	-	20.5	21			-	-	63	-	11	4	18	15	-	0	-	-	-	0	-	0	-	-	-	-	-
DOWNPATRICK	9	9	26	18.1	10.4	14.3	-	22.2	21	6.7	30	-	-	89	-	15	2	19	14	-	-	-	-	-	0	0	0	-	-	-	-	-
HELENS BAY	9	9	43	17.9	10.8	14.3	-	21.7	21	7.5	25		-	63	-	12	14	15	14	0	0	0	0	0	0	0	0	-	0	4.45	-	-
HILLSBOROUGH	9	9	116	16.7	9.9	13.3	0.7	20.6	21	6.6	30	14.2	12.1	79	-	17	4	20	13	0	0	0	0	0	0	0	-	-	0	4.47	102	-
KILKEEL	21	9	18	17.1	11.2	14.1	-	21.7	21	8.0	25		-	97	-	19	4	16	12	0	0	0	0	0	2	0	0	0	0	4.51	-	-
KILLOUGH	21	9	15	-		-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH	9	9	9	17.9	10.2	14.1	-	22.7	21	5.9	25	14.8	13.4	95	-	16	2	18	13	0	0	0	0	2	0	0	0	-	0	4.99	-	-
NEWRY ABBEY	9	9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMAGH																																
ARMAGH	9	9	62	17.5	10.3	13.9	-1.0	21.6	21	6.3	3	17.0	15.5	98	130	14	4	23	18	0	0	0	0	0	0	0	0	-	0	3.76	91	-
LOUGHGALL	9	9	25	17.1	10.2	13.7		20.7	21	5.9	30	-	-	83	-	15	4	23	17	0	0	0	0	0	0	0	0	-	0	4.49	-	-
LURGAN	9	9	55	17.7	10.3	14.0		22.1	21	6.1	30	15.5	14.0	83	-	17	4	21	13	0	-	0	0	0	-	0	0	-	-	3.53	-	-
PORTADOWN	9	9	16	17.4	10.4	13.9		21.8	21	5.8	25	15.6	14.4	90	-	16	4	20	16	0	-	0	0	0	-	0	0	-	0	-	-	-
TANDRAGEE	9	9	43	18.0	9.9	13.9		22.0	21	5.2	25	-	-	78	-	16	4	17	14	-	-	-	-	-	-	0	-	-	-	-	-	-
TYRONE																																
BARONSCOURT FOREST ...	9	9	88	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS	21	9	113	16.7	9.7	13.2	-	20.2	21	4.6	25		-	101	-	23	4	24	19	0	0	0	0	0	0	0	0	0	0	3.69	-	-
COOKSTOWN	9	9	77	17.4	-	-	-	21.5	21	-	-	15.2	-	78	-	18	4	23	16	0	-	0	0	0	0	-	0	-	-	3.58	-	-
KNOCKMANY FOREST ...	9	9	73		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISLAP FOREST	9	9	209		-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN	9	9	169	16.0	8.9	12.5	-	19.2	7	3.6	25		-	152	-	22	14	28	20		0	-	-	-	0	0	0		-	4.21	-	S
POMEROY FOREST	9	9	165	16.2	9.2	12.7	-	19.9	21	4.2	25	15.5		99	-	23	4	25	16	0	0	0	0	0	1	0	0	-	-	-	-	-
STRABANE CONVENT ...	9	9	44	17.5	10.6	14.1	-	21.4	7	6.9	30	-	-	81	-	17	4	23	21	0	0	0	0	0	0	0	0	-	0	3.73	-	-
FERMANAGH																																
CASTLE ARCHDALE FOREST	9	9	66	16.7	9.9	13.3	-0.6	20.4	21	5.4	30	14.5	13.8	95	-	14	4	25	18	-	0	-	-	-	0	0	0	-	0	3.58	83	-
CORGARY	9	9	156	15.8	9.4	12.6	-	20.2	7	5.8	25	-	-	101	-	15	4	27	23	0	-	0	0	0	4	0	0	0	-	-	-	-
KNOCKARAVAN	9	9	53	16.4	10.4	13.4	-	21.2	7	6.9	30	-	-	91	-	14	3	26	18	0	0	0	0	0	0	0	0	0	-	-	-	-
LISNASKEA	9	9	49	17.2	9.8	13.5	-	21.4	21	6.0	3,24	-	-	82	-	14	4	23	18	0	-	0	0	0	0	0	0		0	3.82	-	-
LOUGH NAVAR FOREST ...	9	9	148	16.4	8.8	12.6	-	20.1	21	4.0	25	-	-	111	-	17	2	26	20	0	0	0	0	0	0	1	-	-	-	-	-	-
PUBBLE FOREST	9	9	91	17.4	9.3	13.3	-	21.1	7	4.7	25	-		121	-	15	8	27	22	0	-	0	0	0	0	0	1	-	-	-	-	-

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1974

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT: MEAN	CLOUD AMOUNT: OKTAS 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39M	40 - 199M	200 - 399M	400 - 999M	1000 - 1999M	2000 - 3999M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																
0 SCOTLAND N																																										
SHETLAND																																										
LERWICK	83	3	1007.3	-	9.4	0.6	11.0	93	6.1	0	3	5	17	5	1	0	0	1	0	0	2	3	4	8	15	0	3	6	21	1	3	1	2	2	2	3	14	3
		9	1007.3	- 4.4	11.1	1.3	11.2	85	7.0	0	0	3	18	9	1	0	0	0	1	0	4	5	3	7	11	0	2	13	16	0	1	2	2	2	2	6	11	5
		15	1007.9	-	12.2	1.9	11.3	80	6.2	0	3	4	19	5	0	0	0	0	1	0	0	4	2	8	16	0	2	14	15	0	1	1	2	3	3	2	17	2
		21	1007.9	-	10.2	0.9	11.1	89	6.6	0	0	4	24	2	1	0	1	0	0	1	0	1	3	10	15	0	2	10	18	1	0	1	2	2	2	5	10	8
ORKNEY																																										
KIRKWALL	26	3	1008.1	-	10.1	0.5	11.7	94	6.3	0	3	4	14	10	0	0	0	0	1	0	0	3	5	14	8	0	1	12	14	4	1	1	1	2	1	7	12	2
		9	1008.6	- 3.5	12.4	1.4	12.0	84	6.3	0	2	3	20	6	0	0	0	0	0	0	3	5	7	16	0	4	16	11	0	2	0	3	2	0	8	14	4
		15	1009.0	-	13.8	2.3	11.8	75	6.1	0	1	8	20	2	0	0	0	0	0	0	0	3	11	17	0	3	16	11	1	1	0	2	4	1	8	9	5
		21	1008.9	-	11.0	0.8	11.9	90	6.0	0	3	8	8	12	0	0	0	0	0	0	4	5	9	13	0	1	10	17	3	0	1	2	4	1	4	15	1
CAITHNESS																																										
WICK	37	3	1008.6	-	9.8	0.6	11.2	92	6.1	0	3	4	21	3	0	0	0	0	0	0	1	2	1	13	14	0	0	9	20	2	0	1	1	2	2	6	14	3
		9	1009.0	- 3.4	13.0	1.8	11.9	79	6.8	0	0	4	21	6	0	0	0	0	0	1	0	2	12	16	0	1	17	13	0	2	1	3	3	1	0	12	11
		15	1009.1	-	14.3	2.6	11.7	72	6.1	0	2	5	23	1	0	0	0	0	1	0	0	4	6	20	0	1	20	10	0	2	0	0	7	2	0	6	14
		21	1009.2	-	11.4	1.0	11.8	87	6.3	0	2	4	20	5	0	0	0	0	0	1	0	1	3	11	15	0	0	8	21	2	0	0	2	2	4	10	6
SUTHERLAND																																										
CAPE WRATH	113	3	1008.0	-	10.6	0.4	12.2	95	6.7	0	1	4	12	12	2	0	0	2	0	0	0	3	5	12	9	0	4	11	13	3	0	2	2	2	1	12	8	1
		9	1008.7	-	11.3	0.5	12.7	94	6.1	0	0	9	15	5	2	0	1	1	0	0	0	1	3	13	12	0	3	11	16	1	2	1	2	0	3	11	6	5
		15	1008.9	-	12.1	0.8	12.9	91	6.1	0	1	7	14	9	0	0	0	0	0	0	2	3	12	14	0	2	8	20	1	0	1	3	1	0	10	10	5
		21	1008.6	-	11.1	0.5	12.5	94	6.5	0	1	6	10	10	4	0	0	4	0	0	0	2	3	10	12	0	2	11	15	3	1	0	1	1	2	10	9	4
ROSS & CROMARTY																																										
STORNOWAY	5	3	1009.2	-	10.1	0.5	11.7	94	5.8	0	3	9	10	9	0	0	0	0	0	0	0	2	8	18	3	0	1	10	18	2	3	1	1	0	4	10	8	2
		9	1009.7	- 2.8	12.5	1.4	12.0	83	6.7	0	0	5	17	9	0	0	0	0	0	0	0	3	7	11	10	0	0	18	13	0	1	1	2	1	5	4	12	5
		15	1009.6	-	13.4	1.9	12.2	79	6.9	0	1	2	18	10	0	0	0	0	0	1	4	4	11	11	0	2	19	10	0	1	4	0	2	5	6	9	4
		21	1009.5	-	11.5	0.9	12.1	88	6.2	0	2	7	12	10	0	0	0	0	0	1	3	5	12	10	0	1	11	17	2	1	1	1	1	4	8	8	5
INVERNESS-SHIRE																																										
BENBECULA	7	3	1010.3	-	11.6	1.1	11.9	87	6.3	0	1	5	20	5	0	0	0	0	0	1	0	3	10	17	0	1	17	12	1	3	2	0	1	2	6	11	5
		9	1010.5	- 2.2	12.9	1.5	12.3	82	6.4	0	2	4	18	7	0	0	0	0	0	0	2	5	9	15	0	0	19	12	0	3	0	2	0	4	8	8	8
		15	1010.5	-	13.9	1.8	12.7	80	5.9	0	5	5	13	8	0	0	0	0	1	0	2	4	3	7	14	0	1	22	8	0	3	1	0	0	4	6	11	8
		21	1010.6	-	12.1	1.1	12.2	86	6.1	0	3	4	17	7	0	0	0	0	0	0	2	3	5	9	12	1	1	14	15	0	5	1	1	0	3	6	9	8
1 SCOTLAND E																																										
MORAYSHIRE																																										
KINLOSS	6	3	1009.3		10.7	1.2	11.0	85	5.6	0	4	8	16	3	0	0	0	0	0	0	1	1	1	6	22	0	0	11	19	1	1	2	1	1	2	19	3	1
		9	1009.7	- 3.0	14.0	2.5	11.6	72	6.0	0	3	6	16	6	0	0	0	0	0	0	2	0	6	23	0	3	14	14	0	2	0	1	2	0	7	17	2
		15	1009.6	-	15.8	3.5	11.5	64	6.6	0	0	6	22	3	0	0	0	0	0	0	1	2	7	21	0	3	15	13	0	4	1	2	1	2	4	11	8
		21	1009.9	-	12.8	1.7	11.8	80	6.3	0	2	3	24	2	0	0	0	0	0	0	1	1	7	22	0	0	12	18	1	0	1	2	3	3	12	5	4
ABERDEENSHIRE																																										
DYCE	59	3	1009.5	-	9.9	0.9	10.9	89	5.2	0	10	2	14	4	1	0	0	2	1	0	2	2	1	3	20	0	0	5	21	5	1	1	1	1	1	3	13	5
		9	1009.8	- 3.1	14.4	2.8	11.5	70	6.0	0	2	7	19	3	0	0	0	0	0	1	0	2	4	24	0	2	17	9	3	2	0	0	2	3	5	5	11
		15	1009.8	-	15.6	3.2	11.9	67	6.9	0	0	4	20	7	0	0	0	0	0	0	1	3	9	18	0	0	19	12	0	7	1	2	4	6	2	7	2
		21	1010.1	-	12.4	1.5	11.9	82	6.0	0	3	7	15	6	0	0	0	0	1	0	3	3	12	12	0	0	9	20	2	0	0	1	2	5	5	11	5
FRASERBURGH	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANGUS																																										
USAN	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1010.8	-	12.9	1.5	12.3	83	5.4	0	5	7	14	5	0	0	0	0	0	1	1	0	1	3	25	1	0	5	19	6	3	1	1	2	5	3	10	0
FIFE																																										
LEUCHARS	12	3	1010.2	-	10.4	1.0	11.2	88	4.9	0	9	5	12	5	0	0	0	0	1	0	1	0	6	12	11	0	0	8	19	4	1	0	1	1	0	14	10	0
		9	1010.5	- 2.6	14.6	2.7	11.7	71	5.5	0	5	8	12	6	0	0	0	0	0	0	2	6	4	19	0	1	14	16	0	2	0	2	1	1	9	13	3
		15	1010.4	-	16.3	3.4	12.1	66	6.5	0	0	7	18	6	0	0	0	0	0	0	1	4	11	15	0	1	19	11	0	2	0	5	3	2	8	10	1
		21	1010.8	-	12.9	1.8	11.8	79	5.0	0	7	8	14	2	0	0	0	0	0	0	1	0	5	6	19	0	0	12	18	1	0	3	0	2	0	10	13	2
MIDLOTHIAN																																										
TURNHOUSE	44	3	1011.0	-	11.0	1.2	11.3	85	5.5	0	8	2	16	5	0	0	0	0	0	0	1	6	18	6	0	0	8	22	1	2	2	0	0	1	15	10	0
		9	1011.2	- 2.4	14.4	2.5	12.0	73	6.0	0	1	9	15	6	0	0	0	0	0	0	3	3	13	12	0	0	14	17	0	3	1	1	0	0	10	13	3
		15	1011.0	-	16.0	3.5	12.4	65	6.9	0	0	4	20	7	0	0	0	0	0	0	0	4	12	15	0	1	19	11	0	2	1	2	0	2	4	18	2
		21	1011.6	-	13.0	1.8	11.9	79	5.4	0	6	5	17	3	0	0	0	0	0	0	0	8	9	14	0	1	12	18	0	2	1	0	0	1	17	9	1
6 SCOTLAND W																																										
ARGYLLSHIRE																																										
MACHRIHANISH	14	3	1011.8	-	11.9	1.0	12.3	88	6.4	0	4	2	13	12	0	0	0	0	0	0	2	5	15	9	0	1	13	16	1	1	1	2	5	0	4	14	3
		9	1012.2	-	13.8	1.7	12.8	81	6.5	0	0	8	16	7	0	0	0	0	0	2	3	3	14	9	0	3	19	9	0	1	0	0	2	3	8	11	8
		15	1012.4	-	14.8	2.1	13.0	78	6.5	0	1	5	18	7	0	0	0	0	0	1	3	1	14	12	0	0	21	10	0	2	0	0	1	4	1	20	3
		21	1012.7	-	12.8	1.3	12.5	85	6.0	0	5	4	13	9	0	0	0	0	0	0	2	3	14	12	0	3	17	10	1	2	0	0	-	3	1	19	4
RHUVAAL	19	3	1010.9	-	11.9	1.0	12.3	88	6.8	0	2	4	11	14	0	0	0	0	0	0	1	1	17	12	0	1	1	27	2	5	0	0	0	5	2	16	1
		9	1011.4	-	13.1	1.4	12.6	83	6.8	0	0	6	11	14	0	0	0	0	0	0	1	1	14	15	0	1	7	20	3	6	0	0	0	6	2	11	3
		15	1011.6	-	14.0	1.8	12.8	80	6.4	0	1	7	12	11	0	0	0	0	0	0	4	1	11	15	0	0	5	25	1	2	0	1	0	5	1	17	4
		21	1011.9	-	12.5	1.3	12.3	85	6.6	0	0	8	11	12	0	0	0	0	0	0	2	3	13	13	0	0	6	23	2	4	0	0	0	4	0	19	2
TIREE	10	3	1011.2	-	11.1	0.7	12.2	91	5.9	0	3	8	12	8	0	0	0	0	0	1	1	9	11	9	0	4	14	13	0	3	0	1	1	2	8	11	5
		9	1011.4	- 1.9	13.1	1.3	12.8	85	6.5	0	1	4	19	7	0	0	0	0	0	1	3	3	12	12	0	3	22	6	0	3	0	1	2	5	6	9	5
		15	1011.5	-	14.1	1.6	13.2	82	6.3	0	1	7	13	10	0	0	0	0	0	3	5	1	7	15	0	3	25	3	0	3	1	0	1	5	8	12	3
		21	1011.9	-	12.0	0.9	12.5	89	6.1	0	3	6	15	7	0	0	0	0	0	0	3	5	11	12	0	2	19	10	0	4	0	1	2	1	5	14	4
BUTESHIRE																																										
KILDONAN	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNBARTONSHIRE																																										
SLOY	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	15.8	2.4	11.5	73	6.7	0	1	3	16	11	0	0	0	0	0	0	0	5	26	0	0	0	0	25	8	3	0	0	1	5	7	5	2
		15	-	-	15.2	3.0	11.8	69	7.0	0	0	4	11	16	0	0	0	0	0	0	0	8	23	0	0	0	0	28	3	1	0	0	2	6	8	8	3
		21	-	-	12.8	2.0	11.5	77	6.4	0	0	8	13	10	0	0	0	0	0	0	2	2	27	0	0	0	1	26	4	1	0	0	0	3	6	10	7
RENFREWSHIRE																																										
ABBOTSINCH	9	3	1011.2	-	11.3	0.9	12.0	89	6.4	0	3	2	17	9	0	0	0	0	0	0	4	5	19	3	0	0	6	23	2	0	1	3	0	4	16	5	0
		9	1011.5	2.2	14.1	2.1	12.4	77	6.3	0	2	6	16	7	0	0	0	0	0	0	3	8	8	12	0	1	17	12	1	0	0	2	1	4	9	11	3
		15	1011.4	-	15.9	3.1	12.3	68	6.7	0	0	4	20	7	0	0	0	0	0	0	4	4	8	15	0	2	21	7	1	1	0	0	0	4	12	11	2
		21	1011.9		12.8	1.5	12.2	82	6.0	0	3	7	15	6	0	0	0	0	0	0	3	5	15	8	0	2	6	22	1	0	0	0	0	5	15	8	2
AYRSHIRE																																										
PRESTWICK	21	3	1011.9		11.4	0.8	12.2	90	6.4	0	2	5	16	8	0	0	0	0	0	0	4	8	16	3	0	2	7	20	2	1	0	1	5	5	3	10	4
		9	1012.3	1.5	13.9	1.6	12.7	80	6.4	0	0	8	14	9	0	0	0	0	0	0	3	4	11	13	0	1	15	15	0	1	0	1	2	4	9	7	7
		15	1012.3		15.5	2.8	12.5	71	6.6	0	0	5	20	6	0	0	0	0	0	1	3	3	8	16	0	0	26	4	1	1	0	0	0	2	8	13	6
		21	1012.7		12.3	1.3	12.5	84	6.1	0	0	8	17	6	0	0	0	0	0	0	3	5	12	11	0	0	12	19	0	3	0	0	1	2	7	13	5

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean pressure: At MSL (mb)	Mean pressure: Difference from 1941-70 average	Dry bulb degrees C	Depression of wet bulb degrees C	Vapour pressure (mb)	Relative humidity (%)	Cloud amount (oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM and over	Beaufort force 8 or more / Speed 34 or more (kt)	6-7 / 22-33	4-5 / 11-21	1-3 / 1-10	Calm / 0	N	NE	E	SE	S	SW	W	NW
6 SCOTLAND W -CONTD.																																						
DUMFRIESSHIRE																																						
ESKDALEMUIR	237	3	1012.5	-	9.4	0.8	10.7	90	6.2	0	5	1	13	11	1	0	1	0	0	1	3	4	9	11	2	0	0	7	16	8	1	0	1	0	4	10	5	2
		9	1012.3	- 1.5	12.7	2.1	11.5	78	6.3	0	3	5	14	9	0	0	0	0	0	0	1	3	9	12	6	0	2	16	12	1	1	0	0	3	9	6	7	4
		15	1012.1	-	14.5	2.9	11.8	71	7.0	0	0	2	19	10	0	0	0	0	0	1	0	3	5	12	10	0	3	19	8	1	2	0	0	0	10	6	12	0
		21	1013.1	-	11.0	1.3	11.2	85	5.6	0	5	8	10	8	0	0	0	0	0	1	1	2	5	13	9	0	1	6	18	6	0	1	0	2	8	6	7	1
2 ENGLAND E & NE																																						
NORTHUMBERLAND																																						
ACKLINGTON	46	3	1011.6	-	10.5	0.6	11.8	92	4.6	2	5	10	11	3	0	0	0	0	0	0	1	4	3	14	9	0	0	5	21	5	1	0	0	1	1	5	18	0
		9	1011.6	- 2.2	15.0	2.5	12.5	73	5.3	0	5	8	14	4	0	0	0	0	0	0	1	1	2	7	20	0	1	15	13	2	2	0	1	0	3	5	11	7
		15	1011.9	-	16.3	2.8	13.3	72	6.4	0	0	6	19	6	0	0	0	0	0	0	0	1	5	8	17	0	2	10	18	1	2	2	5	8	1	4	11	1
		21	1012.2	-	12.7	1.3	12.5	85	5.4	0	4	8	14	5	0	0	0	0	0	0	2	1	3	13	12	0	0	8	23	2	1	0	1	2	3	8	14	0
SEAHOUSES	12	3	1010.8	-	11.3	1.5	11.1	82	4.7	0	7	11	8	5	0	0	0	0	0	0	0	2	9	18	2	0	1	4	23	3	0	1	0	0	5	3	16	3
		9	1011.0	-	14.6	2.7	11.8	71	5.4	0	3	12	12	4	0	0	0	0	0	0	1	2	5	9	14	0	1	13	16	1	7	0	1	1	2	0	16	3
		15	1011.1	-	16.0	3.0	12.6	70	6.2	0	0	11	11	9	0	0	0	0	0	0	0	3	4	16	8	0	4	7	19	1	4	3	2	6	4	0	9	2
		21	1011.4	-	13.3	2.0	11.8	77	5.1	0	5	11	10	5	0	0	0	0	0	0	1	2	5	19	4	0	1	8	20	2	1	0	1	0	7	7	11	2
TYNE & WEAR																																						
TYNEMOUTH	40	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1011.9	- 2.4	14.6	1.8	13.3	80	6.0	0	0	9	17	5	0	0	0	0	0	0	0	3	13	15	0	0	4	15	12	0	3	0	2	0	2	1	21	2
		15	1012.2	-	15.3	1.7	14.2	82	6.5	0	0	7	18	6	0	0	0	0	0	0	0	2	13	16	0	0	2	17	11	1	3	0	6	8	3	0	11	1
		21	1012.5	-	14.1	1.3	13.8	86	6.1	0	1	8	18	4	0	0	0	0	0	0	0	1	23	7	0	0	1	14	14	2	1	0	1	0	4	2	21	0
NORTH YORKSHIRE																																						
LEEMING	33	3	1012.9	-	11.7	1.1	12.1	87	5.4	1	5	7	13	5	0	0	0	0	0	2	0	3	3	9	14	0	0	1	29	1	2	0	0	5	8	9	6	0
		9	1012.8	- 1.8	15.3	2.6	12.7	73	6.2	0	2	6	18	5	0	0	0	0	0	0	0	4	4	6	17	0	0	15	16	0	3	1	0	2	4	4	13	4
		15	1012.9	-	17.3	3.6	12.8	65	6.5	0	1	6	17	7	0	0	0	0	0	0	1	0	5	5	20	0	2	18	11	0	3	1	0	0	5	6	13	3
		21	1013.4	-	14.1	1.8	13.0	80	6.3	0	2	4	16	9	0	0	0	0	0	0	2	3	2	9	15	0	0	4	26	1	1	0	1	4	3	7	12	2
WHITBY C.G.	66	3	1012.1	-	12.1	1.2	12.2	85	5.3	1	5	9	9	7	0	0	0	0	0	1	0	4	10	12	4	0	1	15	15	0	0	0	0	1	6	17	5	2
		9	1012.3	-	14.4	2.1	12.6	77	5.9	0	2	8	11	10	0	0	0	0	0	0	0	4	7	14	6	0	2	14	14	1	0	0	0	1	4	8	8	9
		15	1012.3	-	15.8	2.5	13.3	75	6.3	0	1	7	15	8	0	0	0	0	0	0	0	3	8	14	6	0	2	15	11	3	1	1	3	2	2	6	5	8
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUMBERSIDE																																						
KILNSEA	16	3	1013.3	-	12.8	0.9	13.2	89	5.0	0	6	10	8	7	0	0	0	0	0	0	0	3	28	0	0	0	1	17	11	2	1	0	0	0	5	7	15	1
		9	1013.4	- 1.7	15.0	1.9	13.7	80	6.3	0	1	8	13	9	0	0	0	0	0	0	0	4	27	0	0	0	3	16	8	4	1	0	0	0	1	11	12	2
		15	1013.4	-	16.9	2.7	14.1	74	5.8	0	0	14	10	7	0	0	0	0	0	0	0	3	27	1	0	0	3	18	4	6	4	0	1	2	3	6	8	1
		21	1013.8	-	14.8	1.6	13.9	82	6.5	0	0	9	10	12	0	0	0	0	0	0	0	2	29	0	0	0	0	13	12	6	0	0	0	2	4	3	14	2
LINCOLNSHIRE																																						
BINBROOK	112	3	1013.8	-	10.9	0.7	12.0	91	5.0	0	8	7	8	8	0	0	0	0	0	1	1	9	11	9	0	0	0	14	17	0	1	0	0	0	3	18	11	0
		9	1013.8	-	14.3	1.9	13.0	80	6.8	0	1	3	18	9	0	0	0	0	0	0	0	6	14	11	0	0	0	23	8	0	1	1	0	0	3	9	14	3
		15	1013.6	-	17.0	3.4	13.0	67	6.6	0	0	6	18	7	0	0	0	0	0	0	0	4	4	23	0	0	2	21	8	0	0	1	4	0	3	7	12	4
		21	1014.2	-	13.6	1.5	13.1	83	6.5	0	2	4	15	10	0	0	0	0	0	2	1	4	8	15	1	0	0	11	19	1	1	0	0	1	1	14	13	0
WADDINGTON	70	3	1014.0	-	11.8	0.9	12.5	89	4.9	1	8	6	10	6	0	0	0	0	0	0	2	8	10	11	0	0	0	3	28	0	0	0	0	0	3	17	10	1
		9	1014.2	- 1.2	14.9	2.0	13.4	79	6.5	0	2	3	18	8	0	0	0	0	0	0	0	5	7	19	0	0	1	14	16	0	1	0	1	0	3	13	9	4
		15	1013.9	-	17.9	3.4	13.8	68	6.4	0	2	3	19	7	0	0	0	0	0	0	0	3	5	22	1	0	2	14	15	0	1	0	0	1	2	10	14	3
		21	1014.4	-	14.7	1.7	13.7	81	6.3	0	1	5	19	6	0	0	0	0	0	0	3	1	7	18	2	0	0	5	24	2	1	0	1	0	2	10	13	2
3 EAST ANGLIA																																						
NORFOLK																																						
COLTISHALL	17	3	1014.2	-	12.5	1.0	12.8	88	6.1	1	3	2	19	6	0	0	0	0	0	0	2	5	14	10	0	0	0	3	23	5	1	0	0	0	1	12	11	1
		9	1014.5	-	16.1	2.8	13.1	72	6.6	0	0	6	18	7	0	0	0	0	0	0	0	4	10	12	5	0	1	17	12	1	1	0	0	0	1	8	15	5
		15	1014.3	-	18.2	4.1	12.9	62	6.6	0	1	4	18	8	0	0	0	0	0	0	0	3	1	25	2	0	2	21	7	1	4	1	0	1	1	7	12	4
		21	1014.6	-	15.0	1.9	13.6	80	5.9	0	4	4	16	7	0	0	0	0	0	0	2	3	8	15	3	0	0	7	19	5	0	0	0	3	1	11	7	4
GORLESTON	8	3	1014.4	-	13.5	1.0	13.9	88	4.8	6	2	7	9	7	0	0	0	0	0	0	0	4	27	0	0	0	0	4	25	2	0	0	0	0	1	11	14	3
		9	1014.9	- 0.7	15.6	2.2	13.7	77	6.1	1	2	8	6	14	0	0	0	0	0	0	1	7	23	0	0	0	2	13	13	3	1	0	0	0	1	8	14	6
		15	1014.5	-	17.5	3.0	14.3	72	6.7	1	0	3	14	13	0	0	0	0	0	1	0	3	26	0	1	0	2	23	5	1	4	1	2	0	4	9	10	0
		21	1014.7	-	16.0	1.7	15.0	82	5.2	2	3	10	7	9	0	0	0	0	0	0	0	7	24	0	0	0	1	4	23	3	1	0	0	2	8	8	8	3
MARHAM	24	3	1014.5	-	12.2	0.6	13.3	93	5.4	0	6	5	14	6	0	0	0	0	0	0	0	7	9	15	0	0	0	4	27	0	1	0	1	0	9	9	7	4
		9	1014.7	- 0.9	15.7	2.0	14.1	79	6.2	0	3	5	13	10	0	0	0	0	0	0	0	1	10	15	5	0	1	18	12	0	1	0	1	0	5	9	12	3
		15	1014.5	-	18.4	3.6	14.2	67	6.6	0	1	3	18	9	0	0	0	0	0	0	0	2	2	14	13	0	1	24	8	0	2	1	0	1	1	11	12	3
		21	1014.8	-	15.2	1.5	14.7	84	6.3	1	1	6	17	6	0	0	0	0	0	0	0	5	7	9	10	0	0	4	26	1	3	1	0	1	5	10	9	1
CAMBRIDGESHIRE																																						
WITTERING	76	3	1014.8	-	11.8	1.0	12.2	87	5.2	0	7	7	10	7	0	0	0	0	0	0	0	5	9	16	1	0	0	8	25	0	1	0	0	0	4	11	14	1
		9	1015.0	- 0.7	15.1	2.4	12.9	75	6.4	0	0	7	16	8	0	0	0	0	0	0	2	1	9	12	7	0	0	20	11	0	3	0	0	1	4	9	12	2
		15	1014.6	-	17.8	3.9	12.8	63	6.6	0	1	5	17	8	0	0	0	0	0	0	0	2	4	11	14	0	1	19	11	0	0	0	1	0	2	14	10	4
		21	1015.0	-	14.7	2.0	13.3	79	6.1	0	2	6	18	5	0	0	0	0	0	0	0	3	5	16	7	0	0	6	25	0	1	0	0	0	2	12	12	4
WYTON	43	3	1015.0	-	12.5	0.9	13.0	89	5.7	0	5	3	19	4	0	0	0	0	0	0	0	7	15	9	0	0	0	6	24	1	0	0	0	0	1	20	8	1
		9	1015.3	-	15.8	2.5	13.3	74	6.2	0	2	6	13	10	0	0	0	0	0	0	0	3	9	18	1	0	0	20	11	0	3	0	0	0	3	9	13	3
		15	1015.0	-	18.6	4.1	13.3	62	6.7	0	1	3	20	7	0	0	0	0	0	0	0	0	4	19	8	0	2	20	9	0	1	0	1	0	2	12	12	3
		21	1015.3	-	15.6	2.1	13.9	78	6.1	0	3	4	21	3	0	0	0	0	0	0	1	4	9	16	1	0	0	8	22	1	0	0	0	0	3	18	5	4
SUFFOLK																																						
ALDEBURGH	9	9	1015.7	-	-	-	-	-	5.5	0	5	9	7	10	0	0	0	0	0	1	0	3	27	0	0	0	2	19	9	1	2	0	0	2	0	5	16	5
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1015.7	-	-	-	-	-	5.0	1	6	8	9	7	0	0	0	1	0	0	2	0	28	0	0	0	1	9	18	3	1	2	0	0	2	12	9	2
HONINGTON	51	3	1014.8	-	12.4	1.1	12.7	87	6.0	0	2	9	13	7	0	0	0	0	0	1	1	7	18	6	0	0	0	5	26	0	1	0	0	0	0	7	21	2
		9	1015.1	-	15.8	2.8	12.8	71	6.4	0	2	5	16	8	0	0	0	0	0	0	0	5	6	17	3	0	1	16	14	0	3	0	1	0	1	5	16	5
		15	1014.7	-	18.7	4.5	12.6	59	6.5	0	1	6	16	8	0	0	0	0	0	0	0	2	1	18	10	0	2	22	7	0	0	2	1	0	1	5	13	9
		21	1015.1	-	15.5	2.4	13.2	75	5.8	0	5	3	19	4	0	0	0	0	0	0	2	2	7	19	1	0	0	7	22	2	1	1	1	0	0	8	16	2
WATTISHAM	91	3	1015.2	-	11.8	0.7	12.9	92	5.5	0	4	9	12	6	0	0	0	1	0	0	0	10	14	6	0	0	0	4	27	0	1	0	0	0	1	13	12	4
		9	1015.4	-	15.9	2.6	13.2	73	5.9	0	3	7	13	8	0	0	0	0	0	0	1	3	13	11	3	0	1	15	15	0	1	1	0	1	2	8	12	5
		15	1015.0	-	18.4	4.0	13.4	63	6.8	0	1	3	18	9	0	0	0	0	0	0	0	3	2	24	2	0	1	21	9	0	2	0	0	0	3	9	12	5
		21	1015.5	-	14.7	1.6	13.9	83	5.4	0	6	7	15	3	0	0	0	0	0	0	1	5	12	12	1	0	0	7	23	1	1	0	1	0	4	14	9	1
BEDFORDSHIRE																																						
CARDINGTON	30	3	1015.5	-	12.0	0.6	13.1	93	5.8	1	4	5	11	10	0	0	0	0	0	0	2	19	9	1	0	0	0	4	27	0	1	0	0	0	0	12	18	0
		9	1015.8	- 0.3	16.1	2.7	13.2	72	6.4	0	1	7	16	7	0	0	0	0	0	0	0	2	18	9	2	0	1	11	19	0	1	1	0	0	2	7	14	8
		15	1015.4	-	18.8	4.3	13.1	61	6.6	0	1	4	18	8	0	0	0	0	0	0	1	2	10	14	4	0	1	14	16	0	2	0	0	1	1	9	13	5
		21	1015.8	-	14.6	1.7	13.6	82	5.5	0	5	8	15	5	0	0	0	0	0	0	2	6	16	6	1	0	0	8	25	0	1	0	0	0	1	11	13	5

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1974

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB DEGREES C	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT (OKTAS): MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																
3 EAST ANGLIA -CONTD.																																										
ESSEX																																										
SHOEBURYNESS	5	9	1016.3	- 0.1	16.9	2.6	14.2	74	5.6	0	3	9	14	5	0	0	0	0	0	0	1	10	13	7	0	1	15	15	0	3	0	0	1	2	8	11	6
		15	1015.9	-	19.5	4.0	14.4	64	6.0	0	2	7	14	8	0	0	0	0	0	0	2	1	15	13	0	1	16	14	0	3	0	0	1	2	12	8	5
		21	1016.3	-	16.1	1.7	15.1	82	5.8	0	4	6	15	6	0	0	0	0	0	0	1	9	14	7	0	0	9	22	0	0	1	1	1	2	14	9	3
STANSTED	102	3	1015.4	-	12.2	0.8	12.9	90	5.7	0	6	4	12	9	0	1	0	0	0	1	7	13	9	0	0	0	0	30	1	1	0	0	0	1	14	11	3
		9	1015.6	- 0.5	15.7	2.8	12.7	71	5.8	0	3	7	14	7	0	0	0	0	0	0	4	10	15	2	0	0	12	18	1	2	0	0	0	2	9	11	6
		15	1015.2	-	18.5	4.3	12.8	60	6.4	0	1	4	19	7	0	0	0	0	0	0	3	4	19	5	0	0	18	13	0	3	0	0	0	2	8	14	4
		21	1015.7	-	15.2	2.3	13.1	75	5.6	0	6	4	16	5	0	0	0	0	0	2	2	7	17	3	0	0	2	27	2	0	0	0	0	1	8	16	4
WALTON-ON-THE-NAZE	8	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 MIDLAND COUNTIES																																										
WEST YORKSHIRE																																										
HUDDERSFIELD OAKES	235	3	1013.3	-	10.7	1.2	11.0	84	6.4	1	2	5	8	15	0	0	0	0	0	0	3	9	16	3	0	0	0	23	8	0	1	0	0	1	1	4	22	2
		9	1013.6	-	13.8	1.7	12.7	81	6.9	0	2	3	11	15	0	0	0	0	0	0	1	6	19	4	1	2	2	17	10	0	0	0	0	0	5	8	17	3
		15	1013.8	-	16.3	3.2	12.6	68	6.4	0	0	8	14	9	0	0	0	0	0	0	0	4	8	19	0	2	10	16	3	0	1	0	0	0	2	0	4	18	6
		21	1013.9	-	12.8	1.4	12.4	84	5.9	2	2	5	8	14	0	0	0	0	0	1	0	0	2	15	13	0	0	7	17	7	0	1	0	0	1	0	2	25	4
MILSDEN	287	3	1013.8	-	10.7	0.8	11.6	89	5.7	2	4	5	7	13	0	0	0	0	0	1	1	8	21	0	0	0	0	11	19	1	1	0	0	1	2	7	19	0
		9	1013.8	-	12.5	1.6	11.9	82	6.7	0	2	4	7	18	0	0	0	0	0	0	1	7	18	5	0	0	1	16	12	2	1	0	0	0	3	7	16	2
		15	1013.7	-	15.1	2.9	12.0	70	5.8	0	1	12	11	7	0	0	0	0	0	0	1	3	15	12	0	0	2	23	4	2	0	0	0	1	0	4	24	0
		21	1014.3	-	12.1	1.4	11.8	83	5.6	0	5	10	4	12	0	0	0	0	0	1	0	1	4	24	1	0	0	0	11	19	1	1	0	0	1	0	9	19	0
SOUTH YORKSHIRE																																										
FINNINGLEY	15	3	1013.8	-	11.5	0.9	12.2	89	5.4	0	7	4	16	4	0	0	0	0	0	0	2	6	12	11	0	0	0	5	25	1	1	0	0	1	8	8	12	0
		9	1013.7	- 1.4	15.4	2.5	13.0	74	6.6	0	1	4	19	7	0	0	0	0	0	0	0	2	11	16	2	0	2	19	9	1	2	0	0	1	4	7	11	5
		15	1013.4	-	18.3	4.2	12.9	62	6.3	0	1	6	17	7	0	0	0	0	0	0	0	3	6	17	5	0	1	19	11	0	1	1	1	1	1	8	14	4
		21	1014.0	-	14.6	1.9	13.2	79	6.2	0	2	6	18	5	0	0	0	0	0	1	1	4	11	12	2	0	0	4	26	1	1	0	0	0	3	9	15	2
NOTTINGHAMSHIRE																																										
WATNALL	119	3	1014.8	-	11.5	0.6	12.6	92	5.5	0	6	3	19	3	0	0	0	0	0	1	1	8	14	7	0	0	0	3	28	0	1	0	0	0	4	9	16	1
		9	1014.7	- 0.8	14.7	1.9	13.4	80	6.7	0	0	4	19	8	0	0	0	0	0	1	1	7	8	13	1	0	0	11	20	0	1	1	0	0	3	12	11	3
		15	1014.4	-	17.7	3.4	13.6	67	6.3	0	1	8	14	8	0	0	0	0	0	0	0	5	4	17	5	0	0	16	15	0	0	1	0	1	0	12	14	3
		21	1014.9	-	14.4	1.7	13.5	82	6.1	0	1	9	12	9	0	0	0	0	0	0	1	5	15	10	0	0	0	3	27	1	1	0	0	0	3	9	15	2
SALOP																																										
SHAWBURY	76	3	1014.7	-	11.6	0.8	12.4	90	5.3	0	6	7	11	7	0	0	0	0	0	0	1	5	23	2	0	0	5	24	2	1	0	0	0	2	13	10	3
		9	1015.0	- 0.8	15.3	2.5	13.2	76	6.6	0	0	4	20	7	0	0	0	0	0	0	2	2	16	11	0	0	0	14	17	0	2	1	0	0	5	5	13	5
		15	1014.9	-	17.7	3.7	13.1	65	6.1	0	2	8	16	5	0	0	0	0	0	0	1	2	10	18	0	0	0	22	9	0	3	0	0	1	1	1	19	6
		21	1015.3	-	14.0	1.6	13.2	82	5.9	0	3	8	15	7	0	0	0	0	0	0	0	2	3	17	9	0	0	3	28	0	1	0	0	0	3	9	13	5
WEST MIDLANDS																																										
EDGBASTON	185	9	1015.8	- 0.4	14.4	1.9	12.9	79	6.4	0	0	9	13	9	0	0	0	0	0	0	0	8	8	9	6	0	0	9	22	0	3	0	0	0	4	6	14	4
		15	1015.2	-	17.8	3.8	12.9	64	6.5	0	0	5	20	6	0	0	0	0	0	0	0	3	7	8	13	0	0	15	16	0	4	0	0	0	1	5	13	8
		21	1015.7	-	15.2	2.1	13.4	77	5.8	0	3	9	12	7	0	0	0	0	0	0	0	6	10	7	8	0	0	3	28	0	6	0	0	0	0	7	14	4
ELMDON	100	3	1015.2	-	12.3	1.0	12.7	88	5.9	0	5	6	12	8	0	0	0	0	0	0	0	2	11	16	2	0	0	3	27	1	2	0	0	1	4	13	8	4
		9	1015.4	- 0.5	15.1	2.4	12.9	75	6.4	0	2	3	19	7	0	0	0	0	0	0	0	4	12	12	3	0	1	19	11	0	2	0	0	0	3	11	10	5
		15	1015.0	-	18.4	4.4	12.6	60	6.5	0	1	6	16	8	0	0	0	0	0	0	0	3	4	15	9	0	1	22	8	0	4	1	0	0	1	7	13	5
		21	1015.5	-	15.3	2.4	13.0	74	5.5	0	5	6	15	5	0	0	0	0	0	0	2	11	17	1	0	0	10	21	0	2	0	0	0	1	12	9	7
HEREFORD & WORCESTER																																										
PERSHORE	36	3	1015.4	-	12.1	1.0	13.0	88	5.5	1	4	7	12	7	0	0	0	0	0	0	3	7	20	1	0	0	8	21	2	1	0	0	0	9	14	4	1
		9	1015.7	-	15.8	2.5	13.3	74	6.7	0	0	4	17	10	0	0	0	0	0	0	2	9	12	8	0	0	16	15	0	1	0	1	1	5	9	9	5
		15	1015.3	-	19.3	4.8	12.9	58	6.5	0	0	4	22	5	0	0	0	0	0	0	0	4	11	16	0	2	20	9	0	1	1	0	1	1	8	17	2
		21	1015.8	-	15.3	2.2	13.4	76	5.8	0	4	6	14	7	0	0	0	0	0	0	2	7	14	8	0	0	7	24	0	2	0	0	0	3	19	2	5
ROSS-ON-WYE	89	9	1015.8	- 0.4	15.6	2.3	13.5	76	6.5	0	2	5	15	9	0	0	0	0	0	0	2	7	15	7	0	0	6	24	1	2	0	0	0	2	13	10	3
		15	1015.6	-	18.3	3.8	13.6	65	6.5	0	1	4	19	7	0	0	0	0	0	0	1	10	8	12	0	0	13	18	0	0	0	0	0	3	8	18	2
		21	1016.1	-	14.8	1.8	13.3	80	5.1	0	8	3	18	2	0	0	0	0	0	0	3	10	12	6	0	0	2	29	0	0	1	0	0	4	21	5	0
GLOUCESTERSHIRE																																										
GLOUCESTER	24	3	1016.1	-	13.3	0.8	13.9	90	5.1	0	6	8	12	5	0	0	0	0	0	0	5	12	13	1	0	0	10	17	4	1	0	0	1	6	15	4	0
		9	1016.5	+ 0.2	15.9	2.1	14.1	78	6.5	0	2	3	16	10	0	0	0	0	0	0	3	8	8	12	0	0	15	16	0	3	0	0	0	4	16	6	2
		15	1016.3	-	19.2	4.1	14.0	63	6.7	0	0	4	21	6	0	0	0	0	0	0	1	7	12	11	0	1	21	9	0	1	0	0	1	2	17	8	2
		21	1016.6	-	15.6	1.9	14.2	80	5.5	0	6	5	15	5	0	0	0	0	0	1	2	11	10	7	0	0	14	17	0	2	0	0	0	4	21	2	2
LITTLE RISSINGTON	229	3	1015.9	-	11.8	0.9	12.5	89	5.4	1	6	5	11	8	0	0	0	0	0	1	3	13	11	3	0	0	7	24	0	1	0	0	0	2	17	8	3
		9	1016.1	- 0.1	14.2	2.1	12.6	77	6.8	0	0	4	17	10	0	0	0	0	0	0	4	9	11	7	0	1	14	16	0	2	0	0	0	4	9	15	1
		15	1015.7	-	17.3	3.8	12.5	64	6.6	0	0	4	21	6	0	0	0	0	0	1	0	5	14	11	0	1	21	9	0	0	0	0	1	1	14	12	3
		21	1016.3	-	13.8	1.8	12.8	80	5.4	0	6	7	11	7	0	0	0	0	0	1	0	1	9	17	3	0	1	8	22	0	0	0	0	0	0	22	3	6
OXFORDSHIRE																																										
ABINGDON	73	3	1016.2	-	12.3	1.0	12.8	88	5.5	0	7	4	13	7	0	0	0	0	0	1	2	10	17	1	0	0	1	27	3	1	0	0	0	2	11	10	4
		9	1016.5	0.0	15.6	2.8	12.7	71	6.4	0	0	8	17	6	0	0	0	0	0	0	4	6	13	8	0	0	11	20	0	2	1	0	1	2	10	11	4
		15	1016.2	-	18.5	4.4	12.6	59	6.7	0	0	3	21	7	0	0	0	0	0	0	1	4	15	11	0	0	20	11	0	1	0	0	0	2	7	19	2
		21	1016.6	-	15.0	2.3	13.0	75	5.5	0	4	8	16	3	0	0	0	0	0	0	3	3	17	8	0	0	5	25	1	1	1	0	0	0	7	18	3
BRIZE NORTON	92	3	1016.0	-	12.5	0.9	13.0	89	5.5	0	7	5	9	10	0	0	0	0	0	0	4	11	14	2	0	0	2	27	2	1	0	0	0	1	14	11	2
		9	1016.4	-	15.6	2.6	12.9	13	6.5	0	2	5	16	10	0	0	0	0	0	0	4	4	15	8	0	0	14	17	0	1	1	1	0	1	14	9	4
		15	1016.0	-	18.7	4.5	12.7	59	6.5	0	1	5	19	6	0	0	0	0	0	0	1	3	16	11	0	0	16	15	0	0	0	0	1	1	14	11	4
		21	1016.5	-	14.9	2.1	13.3	78	4.8	0	9	5	13	4	0	0	0	0	0	0	4	6	15	6	0	0	3	28	0	0	0	0	0	1	16	10	4
5 ENGLAND SE & CENT. S.																																										
GREATER LONDON																																										
HEATHROW	26	3	1016.4	-	13.6	1.1	13.7	8	5.7	3	3	4	11	10	0	0	0	0	0	0	3	16	10	0	0	0	1	30	0	1	0	0	0	2	8	18	2
		9	1016.7	+ 0.3	16.5	2.9	13.4	71	5.9	0	4	6	12	9	0	0	0	0	0	0	3	7	18	3	0	0	14	17	0	2	0	0	0	2	7	11	9
		15	1016.3	-	19.8	4.6	13.6	59	6.2	0	0	9	15	7	0	0	0	0	0	0	0	6	18	7	0	0	20	11	0	4	0	0	0	2	7	13	4
		21	1016.7	-	16.6	2.5	14.0	74	5.5	0	4	8	16	3	0	0	0	0	0	0	0	12	18	1	0	0	4	27	0	2	0	0	0	0	9	17	3
KEW	10	3	1016.1	-	13.0	1.3	13.0	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1016.4	0.0	16.3	3.5	12.9	69	5.7	0	5	6	11	9	0	0	0	0	0	0	2	5	22	2	0	0	8	23	0	3	1	0	0	3	15	7	2
		15	1015.9	-	19.2	5.0	12.9	58	6.4	0	0	7	16	8	0	0	0	0	0	0	2	4	15	10	0	0	14	17	0	2	0	0	0	2	10	13	4
		21	1016.5	-	16.1	2.5	13.2	72	5.5	0	7	4	13	7	0	0	0	0	0	0	0	13	18	0	0	0	5	25	1	1	0	0	0	4	17	6	2

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean pressure: At MSL (mb)	Mean pressure: Difference from 1941-70 average	Mean temperature and humidity: Dry bulb degrees C	Mean temperature and humidity: Depression of wet bulb degrees C	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (oktas): Mean	0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39m	40 - 199m	200 - 399m	400 - 999m	1000 - 1999m	2000 - 3999m	4 - 9km	10 - 19km	20 - 39km	40km and over	Wind speed and direction: Beaufort force 8 or more	6-7	4-5	1-3	Calm	Speed (kt) 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																		
5 ENGLAND SE & CENT. S.			-CONTD.																																								
WILTSHIRE																																											
BOSCOMBE DOWN	128	3	1018.7	-	11.9	0.8	13.0	93	5.4	1	7	3	10	10	0	0	0	1	0	0	0	4	8	20	0	0	0	2	28	3	0	0	0	0	3	7	14	4
		9	1017.0	+ 0.1	15.2	1.9	13.7	79	6.4	0	1	7	12	11	0	0	0	0	0	0	0	3	4	16	8	0	0	10	20	1	3	0	0	0	4	7	9	7
		15	1018.7	-	18.3	3.5	14.1	67	6.0	0	0	10	15	6	0	0	0	0	0	0	0	2	4	8	17	0	0	18	12	0	1	0	0	0	2	7	17	4
		21	1017.3	-	14.1	1.2	14.0	86	5.8	0	4	8	13	6	0	0	0	0	0	0	0	3	7	18	5	0	0	4	25	2	0	0	0	0	1	8	17	3
LYNEHAM	149	3	1018.5	-	12.2	0.8	13.3	93	5.9	0	8	2	12	11	0	0	0	0	0	0	2	8	12	9	2	0	0	8	25	0	1	0	0	0	5	16	9	2
		9	1018.9	+ 0.3	14.5	1.7	13.6	82	6.8	0	0	5	16	10	0	0	0	0	0	0	1	4	8	13	7	0	0	16	15	0	2	0	1	0	3	9	14	2
		15	1018.5	-	17.8	3.3	13.9	69	6.8	0	0	5	17	9	0	0	0	0	0	0	1	1	2	15	12	0	0	24	7	0	2	0	0	0	2	7	18	2
		21	1017.1	-	14.0	1.4	13.8	84	5.7	0	5	4	17	5	0	0	0	0	0	0	0	2	8	15	8	0	0	12	19	0	0	0	0	0	1	12	14	4
UPAVON	183	9	1018.9	-	14.9	1.7	13.9	82	6.8	0	1	2	18	12	0	0	0	0	0	0	0	5	5	18	3	0	2	12	18	1	3	0	0	0	3	8	12	4
		15	1018.6	-	18.2	3.1	14.8	71	6.5	0	0	8	19	8	0	0	0	0	0	0	1	2	1	20	7	0	0	17	13	1	3	0	0	0	2	7	14	4
		21	1017.3	-	13.8	1.1	13.9	88	6.3	0	1	8	17	7	0	0	0	0	0	0	1	2	9	17	2	0	0	8	19	4	1	0	0	0	0	7	17	2
KENT																																											
DUNGENESS	7	3	1018.6	-	-	-	-	-	5.0	1	8	7	9	8	0	0	0	0	0	0	0	0	9	21	1	0	0	18	15	0	0	1	0	0	0	5	21	4
		9	1017.1	-	16.3	2.1	14.5	78	6.0	0	4	7	8	11	1	0	0	0	1	0	0	2	5	23	0	0	3	19	8	0	3	1	0	0	1	12	11	3
		15	1017.1	-	-	-	-	-	5.7	0	2	11	11	7	0	0	0	0	0	0	0	1	9	21	0	0	5	22	4	0	3	0	0	1	1	15	10	1
		21	1017.2	-	-	-	-	-	5.5	0	2	14	5	10	0	0	0	0	0	0	0	3	8	18	1	0	2	18	10	1	0	0	0	0	1	6	22	0
MANSTON	45	3	1018.1	-	12.9	0.7	13.8	92	5.0	1	8	8	7	8	0	0	0	0	0	0	0	3	13	15	0	0	0	5	26	0	0	0	0	0	3	16	11	1
		9	1018.4	-	18.4	2.5	13.8	74	5.7	0	4	8	8	8	0	0	0	0	0	0	0	3	8	18	4	0	0	15	18	0	2	1	0	1	2	9	10	6
		15	1018.2	-	18.6	3.8	14.2	67	5.8	0	4	8	14	5	0	0	0	0	0	0	1	2	4	17	7	0	2	20	8	0	2	0	1	2	5	13	3	5
		21	1018.5	-	15.1	1.4	14.8	85	5.5	0	5	8	14	8	0	0	0	0	0	0	0	4	7	12	8	0	0	15	15	1	1	0	1	0	3	18	3	4
WEST SUSSEX																																											
GATWICK	80	3	1018.9	-	12.2	0.5	13.5	94	5.7	2	8	2	10	11	0	0	1	0	0	0	0	4	8	13	5	0	0	0	1	25	3	0	0	0	0	10	15	3
		9	1017.2	+ 0.6	15.9	2.1	14.1	78	5.9	0	4	6	10	11	0	0	0	0	0	0	2	5	3	17	4	0	0	15	16	0	5	0	0	0	2	8	9	7
		15	1018.9	-	18.5	3.6	14.2	67	6.3	0	0	7	19	5	0	0	0	0	0	0	1	2	5	14	9	0	0	18	13	0	2	0	1	0	1	15	8	4
		21	1017.2	-	14.7	1.3	14.4	86	6.0	0	5	3	15	8	0	0	0	0	0	0	2	7	10	10	2	0	0	7	22	2	2	0	0	0	0	17	10	0
THORNEY ISLAND	5	3	1017.0	-	13.7	1.0	14.0	88	5.9	1	8	2	8	14	0	0	0	0	0	1	0	3	9	17	1	0	0	12	19	0	3	0	0	0	0	7	16	5
		9	1017.5	+ 0.7	16.0	2.1	14.2	78	6.3	0	2	6	11	12	0	0	0	0	0	0	2	3	3	12	11	0	1	13	16	1	3	0	0	0	3	8	12	4
		15	1017.4	-	18.3	3.3	14.5	69	6.4	0	2	4	19	8	0	0	0	0	0	0	1	1	2	11	18	0	2	20	9	0	4	0	0	0	3	18	8	0
		21	1017.5	-	15.7	1.8	14.9	83	6.2	0	2	6	15	8	0	0	0	0	0	0	1	4	9	14	3	0	0	12	19	0	1	0	0	0	0	12	12	8
EAST SUSSEX																																											
EASTBOURNE C.O.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7A ENGLAND NW & I.O.M.																																											
CUMBRIA																																											
CARLISLE	28	3	1012.2	-	11.4	0.7	12.5	92	8.1	0	5	3	15	8	0	0	0	0	0	0	0	3	13	11	4	0	0	2	25	4	1	0	1	4	0	7	12	2
		9	1012.3	- 2.1	14.1	1.7	13.1	81	6.8	0	0	7	17	7	0	0	0	0	0	0	0	3	3	17	8	0	0	12	17	2	1	1	0	2	2	5	14	4
		15	1012.3	-	18.2	2.8	13.1	72	6.9	0	0	2	21	8	0	0	0	0	0	0	1	2	5	8	15	0	0	21	10	0	1	1	1	0	0	4	21	3
		21	1012.8	-	13.2	1.4	12.8	84	6.3	0	3	3	18	7	0	0	0	0	0	0	2	5	16	8	0	0	3	28	0	1	0	2	0	1	10	12	5
LANCASHIRE																																											
SQUIRES GATE	11	3	1013.7	-	13.4	1.2	13.4	87	6.5	0	2	5	11	13	0	0	0	0	0	0	1	4	3	19	4	0	2	18	10	0	1	0	1	2	0	9	13	5
		9	1014.2	- 0.9	14.5	1.5	13.8	84	7.0	0	1	1	18	11	0	0	0	0	0	0	2	2	8	17	4	0	3	18	10	0	0	1	1	3	2	4	15	5
		15	1014.5	-	18.1	2.4	13.8	75	6.4	0	2	8	11	10	0	0	0	0	0	0	1	2	3	13	12	0	1	25	5	0	1	0	0	1	0	8	18	5
		21	1014.4	-	14.5	1.5	13.9	84	6.3	0	3	5	14	9	0	0	0	0	0	0	1	0	9	15	6	0	0	22	9	0	2	0	0	0	1	13	10	5
MERSEYSIDE																																											
SPEKE	24	3	1013.7	-	13.0	0.9	13.4	89	6.3	0	0	10	13	8	0	0	0	0	0	0	0	5	7	15	4	0	0	9	22	0	1	0	0	2	7	6	9	6
		9	1014.0	- 1.4	15.5	1.7	14.2	82	6.8	0	0	3	21	7	0	0	0	0	0	1	1	0	9	8	12	0	2	18	11	0	1	0	1	1	3	5	13	7
		15	1014.3	-	17.2	2.9	14.1	71	6.4	0	0	7	19	5	0	0	0	0	0	1	1	4	11	14	0	1	23	7	0	0	0	0	1	0	2	16	12	
		21	1014.3	-	14.5	1.4	13.9	84	5.9	0	3	5	17	6	0	0	0	0	0	1	6	6	10	8	0	0	0	14	16	1	1	0	0	0	1	8	14	8
GREATER MANCHESTER																																											
RINGWAY	84	3	1014.1	-	12.3	1.0	12.6	88	6.4	0	1	8	13	9	0	0	0	0	0	0	0	8	8	15	0	0	0	4	27	0	1	0	0	1	13	6	7	3
		9	1014.3	- 0.9	14.5	2.1	12.9	76	7.2	0	0	1	20	10	0	0	0	0	0	1	1	2	17	10	0	0	0	15	15	1	0	0	0	1	5	9	11	4
		15	1014.3	-	17.1	3.6	12.8	65	6.5	0	0	7	18	6	0	0	0	0	0	0	2	7	19	3	0	1	20	10	0	0	0	0	1	1	7	17	5
		21	1014.6	-	14.8	2.0	13.2	78	6.5	0	2	4	16	9	0	0	0	0	0	0	3	4	9	15	0	0	0	7	22	2	1	0	0	0	3	10	13	2
ISLE OF MAN																																											
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1013.3	- 1.2	14.5	1.5	13.8	84	5.8	0	2	13	7	9	0	0	0	0	0	0	0	3	3	9	16	0	4	18	9	0	0	0	1	1	4	7	11	7
		15	1013.4	-	18.5	2.4	14.3	76	6.1	0	2	9	10	10	0	0	0	0	0	0	1	1	12	17	0	2	22	8	1	2	0	1	1	1	10	10	5
		21	1013.4	-	13.7	1.3	13.4	85	5.5	1	4	8	14	8	0	0	0	0	0	0	0	1	14	18	0	0	16	15	0	1	2	0	0	3	9	10	8
RONALDSWAY	21	3	1013.2	-	11.8	1.0	12.3	88	5.5	0	8	8	11	7	1	0	0	0	1	0	1	5	2	5	17	0	0	8	21	2	2	1	1	1	1	8	12	3
		9	1013.7	- 1.1	14.1	1.8	12.9	80	6.0	0	3	8	13	9	0	0	0	0	0	0	0	3	4	9	15	0	1	17	12	1	1	1	2	0	3	7	10	6
		15	1014.0	-	15.1	2.3	13.1	76	6.7	0	1	3	18	9	0	0	0	0	0	0	1	2	4	7	17	0	0	16	15	0	2	0	2	0	5	14	4	4
		21	1014.0	-	13.1	1.4	12.7	84	5.8	0	4	8	11	7	1	0	0	1	0	0	0	2	8	8	18	0	0	8	23	2	3	0	0	0	5	5	12	4
7B WALES N																																											
GWYNEDD																																											
BARDSEY ISLAND	19	3	1015.2	-	12.9	0.3	14.4	98	5.9	2	1	9	5	12	2	1	1	0	0	0	1	7	15	8	0	1	2	12	15	1	3	0	0	0	3	12	10	2
		9	1015.7	-	13.7	0.4	15.0	95	6.4	0	1	7	9	14	0	0	0	0	0	0	2	16	13	0	1	3	12	14	1	4	0	0	0	3	10	9	3
		15	1015.9	-	14.9	0.7	15.6	92	6.6	1	1	5	7	16	1	1	2	0	0	0	0	1	13	11	3	0	3	14	13	1	3	0	0	2	1	15	6	3
		21	1015.7	-	13.5	0.3	15.0	97	6.6	0	0	9	5	16	1	1	0	0	0	0	0	2	18	9	1	0	0	18	13	0	2	0	1	2	2	12	11	1
VALLEY	11	3	1014.3	-	12.9	1.4	12.8	84	8.2	0	4	3	11	12	1	0	0	1	0	2	1	4	7	10	8	0	4	15	10	2	1	0	1	0	5	8	9	5
		9	1014.8	- 0.6	14.8	2.1	12.8	77	8.5	0	2	3	15	11	0	0	0	0	0	3	5	4	14	5	0	3	20	8	0	2	0	0	0	7	9	9	4
		15	1015.0	-	15.8	2.8	12.8	73	8.4	0	3	3	15	10	0	0	0	0	0	1	2	8	11	11	0	3	19	9	0	2	0	1	0	5	17	2	4	
		21	1015.0	-	14.0	1.8	13.1	82	8.4	0	3	3	15	10	0	0	0	0	0	1	1	3	10	9	7	0	1	20	8	2	2	0	0	0	4	16	5	2
8A WALES S																																											
DYFED																																											
ABERPORTH	134	3	1018.1	-	12.3	0.7	13.1	91	5.8	0	6	4	8	13	0	0	0	0	0	0	2	2	13	9	5	0	2	19	10	0	0	0	0	0	12	9	6	4
		9	1018.8	+ 0.5	13.9	1.2	13.8	86	6.6	0	3	2	15	11	0	0	0	0	0	1	4	9	10	7	0	0	22	9	0	2	0	0	1	2	9	15	2
		15	1018.8	-	15.7	2.3	13.8	76	5.8	0	5	4	18	8	0	0	0	0	0	1	0	8	13	11	0	0	23	8	0	1	0	0	0	3	10	15	4
		21	1018.8	-	13.5	1.0	13.6	86	6.2	0	3	5	13	9	1	0	0	1	1	0	0	1	11	12	5	0	0	22	9	0	0	0	0	1	3	20	5	2
BRYNAMMAN	-	9	-	-	13.7	1.2	13.7	87	8.9	0	1	2	18	12	0	0	0	0	0	1	6	2	4	6	12	0	0	0	1	27	3	2	1	0	0	2	3	17	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	13.2	0.9	13.7	90	8.5	0	5	1	9	15	1	0	0	1	1	3	6	6	10	4	0	0	0	0	25	6	0	0	0	0	0	4	17	4
MILFORD HAVEN C.O.	38	3	1018.4	-	13.5	0.7	14.2	91	5.4	5	1	6	7	12	0	0	0	0	0	1	1	9	18	2	0	0	0	11	19	1	6	0	0	0	2	5	14	3
		9	1018.7	+ 0.1	14.7	1.2	14.5	87	6.1	0	2	10	8	13	0	0	0	0	0	1	9	12	8	1	0	0	0	17	13	1	4	0	0	1	1	7	12	5
		15	1017.1	-	16.5	2.0	14.9	80	6.1	0	1	11	8	11	0	0	0	0	0	1	10	8	9	3	0	0	18	12	0	2	0	0	0	0	9	17	3
		21	1016.9	-	14.2	0.9	14.6	90	6.2	1	0	10	5	14	1	0	0	1	1	0	0	8	15	3	3	0	0	17	12	2	1	0	0	0	0	7	18	3

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1974

	Height of barometer above MSL (metres)	Hour of observation (GMT)	Mean pressure: At MSL (mb)	Mean pressure: Difference from 1941-70 average	Mean temperature and humidity: Dry bulb degrees C	Mean temperature and humidity: Depression of wet bulb degrees C	Mean temperature and humidity: Vapour pressure (mb)	Mean temperature and humidity: Relative humidity (%)	Cloud amount (oktas): Mean	Cloud amount (oktas): 0	1 - 2	3 - 5	6 - 7	8	Sky obscured	Visibility: 0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM and over	Wind speed and direction: Beaufort force: 8 or more	6-7	4-5	1-3	Calm	Speed (MPH): 34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									Number of observations																																			
8A WALES S -CONTD.																																												
WEST GLAMORGAN																																												
MUMBLES HEAD	37	3	1016.5	-	13.7	0.8	14.3	91	5.8	2	3	6	7	13	0	0	0	0	1	1	0	2	8	13	6	0	6	10	13	2	2	0	0	0	1	6	16	4						
		9	1017.1	-	15.1	1.5	14.4	84	6.9	0	1	2	14	14	0	0	0	0	0	0	2	8	10	4	7	1	6	12	9	3	2	0	0	2	0	9	11	4						
		15	1017.6	-	16.0	2.0	14.4	79	6.7	0	1	2	18	10	0	0	0	0	0	1	0	3	5	10	12	0	9	17	5	0	0	0	0	0	0	7	21	3						
		21	1017.2	-	14.6	1.2	14.5	87	6.5	0	4	3	7	16	1	0	1	0	0	1	0	7	8	8	6	0	7	16	7	1	1	0	0	0	0	8	17	4						
SOUTH GLAMORGAN																																												
RHOOSE	69	3	1016.2	-	12.7	0.8	13.4	90	6.2	0	5	1	14	11	0	0	0	0	0	1	3	3	11	13	0	0	0	13	16	2	1	1	0	0	1	3	19	4						
		9	1016.9	+ 0.2	14.9	1.8	13.8	81	6.8	0	2	2	16	11	0	0	0	0	0	0	1	10	8	10	2	0	0	16	14	1	2	0	0	2	0	2	21	3						
		15	1017.1	-	16.4	2.6	13.8	74	6.2	0	5	3	15	8	0	0	0	0	0	1	1	4	5	11	9	0	0	28	3	0	0	0	0	0	2	0	27	2						
		21	1017.1	-	13.9	1.3	13.6	85	6.2	0	5	4	9	13	0	0	0	0	2	0	0	6	10	8	5	0	0	15	16	0	1	0	0	0	0	1	24	5						
8B ENGLAND SW																																												
AVON																																												
FILTON	61	3	1016.4	-	13.3	0.9	13.8	89	5.7	0	6	4	11	10	0	0	0	0	0	0	0	7	11	11	2	0	0	12	15	4	1	0	0	0	1	12	11	2						
		9	1016.9	+ 0.4	15.5	2.2	13.5	77	6.6	0	2	4	12	13	0	0	0	0	0	0	0	4	6	14	7	0	0	15	16	0	2	2	0	0	3	5	16	3						
		15	1016.8	-	17.8	3.4	13.7	67	6.5	0	2	3	21	5	0	0	0	0	0	0	0	1	4	8	18	0	2	22	7	0	1	0	0	0	1	6	19	4						
		21	1017.1	-	14.9	1.8	13.8	81	5.7	0	5	4	18	4	0	0	0	0	0	0	0	2	8	15	6	0	1	15	15	0	0	0	0	0	0	5	21	5						
SOMERSET																																												
YEOVILTON	23	3	1017.1	-	12.8	0.8	13.6	91	5.3	2	5	4	10	10	0	0	0	0	2	0	0	3	17	9	0	0	0	5	19	7	0	0	0	0	2	14	6	2						
		9	1017.4	-	16.0	2.0	14.5	79	6.7	0	0	5	16	10	0	0	0	0	0	0	0	2	12	17	0	0	1	16	13	1	2	0	0	1	2	6	14	5						
		15	1017.5	-	18.9	3.4	15.0	69	6.3	0	0	8	16	7	0	0	0	0	0	0	0	0	7	22	2	0	2	23	6	0	3	0	0	0	2	6	10	10						
		21	1017.8	-	15.5	1.6	14.8	82	5.2	0	4	13	7	7	0	0	0	0	0	0	0	2	7	21	1	0	0	6	23	2	0	1	0	0	2	6	17	3						
DORSET																																												
HURN	11	3	1017.2	-	12.8	0.6	13.8	93	5.5	2	7	1	10	11	0	0	0	0	1	0	0	7	12	11	0	0	0	4	25	2	1	0	0	0	1	12	13	2						
		9	1017.7	-	16.0	2.3	13.9	76	6.2	0	3	6	13	9	0	0	0	0	0	0	0	5	3	22	1	0	1	14	16	0	3	0	0	0	3	10	9	6						
		15	1017.7	-	18.4	3.5	14.2	68	6.3	0	1	7	17	6	0	0	0	0	0	0	1	1	7	20	2	0	0	22	9	0	3	0	0	0	3	18	4	3						
		21	1017.8	-	15.3	1.5	14.6	84	5.3	0	6	10	8	7	0	0	0	0	0	0	0	7	9	14	1	0	0	7	24	0	2	0	0	0	1	12	11	5						
PORTLAND BILL.C.O.	54	3	1017.7	-	13.8	0.4	15.2	96	4.5	5	6	5	5	10	0	0	1	0	0	0	1	4	20	4	1	0	4	20	7	0	2	1	1	1	0	1	17	8						
		9	1018.2	-	14.8	0.7	15.5	92	5.8	0	6	3	11	10	1	0	1	0	0	0	1	4	9	15	1	0	5	16	10	0	1	1	2	0	1	2	18	6						
		15	1018.3	-	16.6	1.2	16.4	87	5.4	1	1	14	7	8	0	0	0	0	0	0	1	1	6	7	14	2	0	2	21	8	0	1	0	0	1	1	8	16	4						
		21	1018.3	-	14.7	0.5	15.7	94	5.4	0	6	7	12	4	2	0	1	1	0	0	1	5	11	12	0	0	2	25	4	0	2	0	0	0	0	4	15	10						
DEVON																																												
CHIVENOR	7	3	1017.2	-	13.7	0.8	14.4	91	6.5	0	1	8	9	13	0	0	0	0	0	0	0	6	9	13	3	0	2	12	16	1	0	0	0	6	0	2	8	11	3						
		9	1017.9	+ 0.8	15.4	1.4	14.9	85	6.9	0	1	2	15	13	0	0	0	0	0	0	1	6	5	13	6	0	0	16	15	0	1	0	1	1	1	6	16	5						
		15	1018.3	-	16.9	2.1	15.1	78	6.5	0	0	5	17	9	0	0	0	0	0	0	0	2	7	12	10	0	0	27	4	0	0	0	0	0	0	9	19	3						
		21	1018.2	-	14.5	1.0	14.8	89	6.3	0	4	2	13	12	0	0	0	0	0	0	1	4	9	11	6	0	0	17	13	1	0	0	0	0	0	10	15	5						
EXETER	38	3	1017.4	-	12.9	0.7	13.9	92	5.7	0	6	6	11	8	0	0	1	0	0	0	0	4	10	14	2	0	0	5	25	1	3	1	1	1	7	5	5	7						
		9	1017.9	+ 0.8	16.1	1.9	14.8	81	6.4	0	3	4	16	8	0	0	0	0	0	0	0	2	6	14	9	0	1	15	15	0	3	0	0	2	1	4	10	11						
		15	1017.9	-	16.8	3.2	15.1	70	6.3	0	0	8	18	5	0	0	0	0	0	0	0	1	6	7	17	0	0	25	6	0	0	1	0	0	5	4	14	7						
		21	1018.3	-	15.0	1.4	14.8	85	5.8	0	6	3	16	6	0	0	0	0	0	0	0	2	6	9	14	0	0	6	25	0	0	0	0	0	2	7	13	9						
HARTLAND POINT	93	3	1017.0	-	13.5	0.6	14.5	93	6.3	0	2	7	8	12	2	1	0	0	1	0	1	0	6	14	8	0	8	12	9	2	1	0	0	0	1	3	20	4						
		9	1017.6	-	14.4	0.9	14.7	89	6.8	0	1	5	12	12	1	0	1	1	1	3	3	5	7	9	0	7	14	10	0	3	0	0	1	0	1	20	6						
		15	1018.0	-	15.1	1.4	14.7	85	6.6	0	0	6	14	9	2	0	2	0	0	0	1	2	9	12	5	0	6	16	6	3	1	0	0	0	0	0	25	2						
		21	101.8	-	14.1	0.8	14.7	91	6.7	0	1	4	12	12	2	0	1	0	1	0	1	5	9	7	7	0	7	16	8	0	1	0	0	0	0	1	25	4						
MOUNT BATTEN	28	3	1018.0	-	13.5	0.6	14.5	93	6.1	2	2	5	8	13	1	0	0	1	0	0	2	6	11	7	4	0	1	7	20	3	2	0	1	0	1	6	13	5						
		9	1018.6	+ 1.2	15.3	1.4	14.8	85	6.7	0	0	7	13	11	0	0	0	0	0	1	3	4	6	12	5	0	1	15	15	0	2	0	0	2	1	15	7	4						
		15	1018.7	-	16.7	2.2	14.8	78	7.0	0	0	3	16	12	0	0	0	0	0	1	1	3	6	8	12	0	0	25	6	0	0	0	0	0	3	15	9	4						
		21	1019.0	-	14.8	1.3	14.5	86	6.2	0	4	4	15	8	0	0	0	0	0	0	2	5	6	9	9	0	0	7	23	1	1	0	0	0	0	8	14	7						
PRAWLE POINT	-	3	-	-	-	-	-	-	5.3	5	2	5	6	13	0	0	0	1	0	2	1	4	10	12	1	0	6	18	5	2	3	0	0	1	0	0	21	4						
		9	-	-	-	-	-	-	6.5	0	3	4	8	16	0	0	0	1	1	1	1	3	8	16	0	2	5	13	9	2	2	1	1	1	0	1	19	4						
		15	-	-	-	-	-	-	5.9	0	2	10	9	10	0	0	0	0	0	0	0	9	9	12	1	0	10	10	11	0	0	1	0	0	0	2	26	2						
		21	-	-	-	-	-	-	6.4	0	3	6	9	12	1	1	0	0	0	3	0	0	3	10	14	0	0	8	18	5	0	3	1	0	0	0	0	22	5						
CORNWALL																																												
OMENNAP HEAD	70	3	1018.1	-	13.5	0.4	14.7	95	6.0	2	3	4	6	12	4	0	0	3	1	0	0	2	12	12	1	0	5	14	11	1	3	0	0	1	1	9	10	6						
		9	1018.7	-	14.3	0.7	15.0	92	6.0	0	5	5	6	12	3	0	2	0	1	1	2	3	9	10	3	0	2	15	13	1	3	0	0	1	0	6	9	9						
		15	1019.1	-	15.1	1.0	15.2	89	6.8	0	1	6	7	16	1	0	0	0	1	0	0	8	11	7	4	0	2	18	10	1	3	0	0	0	0	11	11	5						
		21	1019.0	-	13.8	0.5	14.8	94	6.5	1	1	6	7	11	5	0	3	1	1	1	1	2	10	7	5	0	0	19	12	0	2	0	0	0	1	9	13	6						
ST MAWGAN	107	3	1018.3	-	13.5	0.3	14.9	96	6.5	0	3	4	7	17	0	0	0	1	1	0	6	7	3	9	4	0	1	14	16	0	1	0	0	2	2	8	13	5						
		9	1018.9	+ 1.7	14.6	0.8	15.1	91	6.7	0	2	3	15	11	0	0	0	2	1	1	2	6	2	11	6	0	2	19	10	0	1	0	0	1	1	7	16	5						
		15	1019.2	-	16.0	1.5	15.3	84	6.9	0	0	5	15	11	8	0	0	0	0	0	2	5	1	13	10	0	0	29	2	0	0	0	0	0	0	7	20	4						
		21	1019.2	-	14.1	0.7	14.8	92	6.5	0	2	4	9	14	2	0	2	0	2	1	2	5	5	6	8	0	0	21	10	0	1	0	0	1	0	13	12	4						
SCILLY	61	3	1019.2	-	13.9	0.5	15.0	94	6.0	0	3	9	5	12	2	0	2	0	0	0	1	3	7	10	8	0	3	16	11	1	1	0	0	0	2	6	13	8						
		9	1019.8	+ 2.2	15.5	1.0	15.7	89	6.3	0	1	8	9	12	1	0	0	1	0	2	0	8	6	7	7	0	1	13	14	3	3	0	0	0	2	8	11	8						
		15	1020.2	-	16.3	1.5	15.8	84	6.2	0	2	8	9	12	0	0	0	0	0	1	0	6	8	9	7	0	1	18	11	1	2	0	0	0	1	10	14	3						
		21	1020.0	-	14.1	0.5	15.1	94	6.2	0	3	6	7	10	5	0	2	2	1	1	1	2	8	5	9	0	0	16	13	2	0	0	0	0	1	7	15	8						
CHANNEL ISLANDS																																												
GUERNSEY AIRPORT	105	3	1019.1	-	13.2	0.4	14.6	96	5.9	2	4	2	9	14	0	0	1	2	2	0	3	4	5	9	5	0	0	14	17	0	0	1	0	1	2	7	13	7						
		9	1019.8	-	14.7	0.9	15.0	90	5.5	0	7	4	12	8	0	0	2	1	0	0	0	6	3	12	7	0	0	22	9	0	2	0	0	1	1	9	13	5						
		15	1020.1	-	16.2	1.7	15.2	82	5.1	0	8	5	14	4	0	0	0	0	0	0	1	2	3	16	9	0	0	24	7	0	2	0	0	0	2	7	19	1						
		21	1020.0	-	13.8	0.5	14.9	94	5.2	0	7	7	9	7	1	0	1	0	1	0	2	2	10	7	8	0	0	19	11	1	0	1	0	0	0	5	20	4						
NORTHERN IRELAND																																												
CO LONDONDERRY																																												
MONEYDIG	35	9	1012.5	-	13.8	1.5	13.2	83	6.4	0	0	9	12	10	0	0	0	0	0	0	0	1	6	24	0	0	0	13	18	0	1	2	0	1	5	8	8	6						
		15	1012.5	-	16.0	2.4	13.7	76	6.6	0	0	5	20	6	0	0	0	0	0	0	0	1	4	26	0	0	0	16	15	0	6	1	1	0	4	6	11	2						
		21	1013.2	-	12.5	1.1	12.7	87	5.6	0	3	10	11	7	0	0	0	0	0	0	0	0	2	29	0	0	1	3	25	2	3	0	0	1	4	7	12	2						
CO ANTRIM																																												
ALDERGROVE	73	3	1013.2	-	11.5	0.9	12.3	89	6.2	0	1	5	18	7	0	0	0	0	0	0	0	3	3	16	9	0	0	11	19	1	0	0	2	1	10	5	7	5						
		9	1013.4	- 1.2	14.1	1.9	12.7	78	6.8	0	0	2	21	8	0	0	0	0	0	0	1	0	5	18	7	0	0	17	14	0	2	1	1	1	4	9	7	8						
		15	1013.2	-	16.0	3.0	12.7	70	6.7	0	1	2	21	7	0	0	0	0	0	0	1	1	3	11	15	0	0	21	10	0	2	0	1	2	2	8	12	4						
		21	1013.9	-	12.9	1.6	12.3	82	5.5	0	4	9	14	4	0	0	0	0	0	0	1	2	3	15	10	0	0	10	21	0	3	0	0	3	2	7	9	7						
CO DOWN																																												
KILKEEL	20	9	1014.0	-	14.3	1.8	13.0	80	6.7	0	0	5	17	8	1	0	2	0	0	0	1	0	4	20	4	0	1	12	16	2	5	1	0	0	7	5	8	3						
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
		21	1014.1	-	14.2	1.8	13.0	80	6.3	0	0	7	16	8	0	0	0	0	0	0	0	2	4	20	5	0	1	7	17	6	7	0	0	0	3	4	8	3						
KILLOUGH	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
CO TYRONE																																												
CARRIGANS	112	9	1013.5	-	13.2	1.3	13.0	85	6.5	0	0	8	9	14	0	0	0	0	0	0	3	3	9	7	9	0	0	5	25	1	4	0	1	1	7	7	5	5						
		15	1013.8	-	15.6	2.6	13.0	73	6.4	0	0	6	19	6	0	0	0	0	0	0	0	5	3	8	15	0	0	10	20	1	3	1	0	0	2	7	14	3						
		21	1014.2	-	12.4	1.2	12.5	86	5.7	0	3	10	9	9	0	0	0	0	0	0	0	4	7	9	11	0	0	3	26	2	3	1	1	1	4	3	10	6						

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

JULY 1974

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
LERWICK (PSYCHROMETER)	0	0	0	30	1	0	0	0	0	0	0	0	0	23	8	0
LERWICK (SCREEN)	0	0	0	26	5	0	0	0	0	0	0	0	0	23	8	0
STORNOWAY	0	0	0	19	12	0	0	0	0	0	0	0	0	21	10	0
CRAIBSTONE	0	0	0	9	19	3	0	0	0	0	0	0	0	22	9	0
ROTHESAY	0	0	0	5	26	0	0	0	0	0	0	0	0	13	18	0
ABBOTSINCH	0	0	0	2	29	0	0	0	0	0	0	0	0	11	20	0
ESKDALEMUIR (PSYCHROMETER)	0	0	0	6	25	0	0	0	0	0	0	0	4	20	7	0
ESKDALEMUIR (SCREEN)	0	0	0	2	29	0	0	0	0	0	0	0	4	19	8	0
DOUGLAS	0	0	0	6	25	0	0	0	0	0	0	0	0	8	23	0
ACKLINGTON	0	0	0	2	23	6	0	0	0	0	0	0	0	21	10	0
DORLESTON	0	0	0	2	18	11	0	0	0	0	0	0	0	7	22	2
CAMBRIDGE BOTANIC GARDENS	0	0	0	0	14	17	0	0	0	0	0	0	0	11	17	3

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
EDGBASTON	0	0	0	2	23	6	0	0	0	0	0	0	0	3	26	2
KEW (PSYCHROMETER)	0	0	0	0	14	17	0	0	0	0	0	0	0	8	19	4
KEW (NORTH-WALL SCREEN)	0	0	0	0	13	18	0	0	0	0	0	0	0	5	22	4
HASTINGS	0	0	0	2	23	6	0	0	0	0	0	0	0	2	25	4
SOUTHAMPTON	0	0	0	0	13	17	1	0	0	0	0	0	0	5	23	3
STONYHURST	0	0	0	3	27	1	0	0	0	0	0	0	0	11	20	0
RHYL	0	0	0	0	28	3	0	0	0	0	0	0	0	1	29	1
VALLEY	0	0	0	3	28	0	0	0	0	0	0	0	0	2	29	0
RHOOSE	0	0	0	1	28	2	0	0	0	0	0	0	0	7	23	1
FALMOUTH	0	0	0	1	28	2	0	0	0	0	0	0	0	3	27	1
ALDERGROVE	0	0	0	2	27	2	0	0	0	0	0	0	0	12	19	0
ARMAGH	0	0	0	4	24	3	0	0	0	0	0	0	0	16	15	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JULY 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED								MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES							
					34 KT OR MORE (GALE FORCE)			22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT			HIGHEST HOURLY WIND			HIGHEST GUST				
		ABOVE MSL	ABOVE GROUND	EFFECTIVE HEIGHT	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS				HOURS OF NO RECORD		YEAR FROM NORTH	SPEED (KNOTS)	HOUR BEGINNING DAY	HOUR	YEAR FROM NORTH	SPEED (KNOTS)	DAY AND TIME	
0 SCOTLAND NORTH																					
SHETLAND	LERWICK	93	10	10		0	4	43	276	376	49	0	10.4	270	28	20	07	270	41	20	0724
ORKNEY	KIRKWALL AIRPORT	41	15	10		0	7	47	366	258	73	0	11.6	250	30	11	14	250	46	11	1424
CAITHNESS	DOUNREAY	34	12	9																	
	WICK	45	10	10		0	4	21	307	340	76	0	10.3	270	25	11	07	280	44	11	0742
ROSS AND CROMARTY	DUIRINISH	38	20	17																	
	STORNOWAY	12	10	10		0	6	25	346	312	61	0	10.9	270	29	11	01	270	47	11	0130
INVERNESS-SHIRE	BENBECULA	16	10	10	5	2	7	29	460	240	13	0	12.4	340	36	5	20	330	49	5	2018
	DALCROSS	19	10	10		0	1	5	221	423	68	27	8.9	230	30	21	16	230	50	21	1636
	FORT AUGUSTUS	58	16	16		0	1	4	208	300	232	0	7.1	210	25	21	14	210	44	21	1500
1 SCOTLAND EAST																					
MORAYSHIRE	KINLOSS	18	13	13		0	3	25	331	353	35	0	10.9	240	31	21	15	240	53	21	1554
	LOSSIEMOUTH	17	10			0	5	19	279	309	137	0	9.3	240	30	21	17	230	49	21	1712
ABERDEENSHIRE	ABERDEEN DYCE AIRPORT	72	10	10		0	3	19	263	326	136	0	9.2	290	28	11	08	290	42	11	0812
	FRASERBURGH	29	13	11		0	13	69	310	298	67	0	11.4	270	31	11	08	270	45	11	0842
ANGUS	BELL ROCK	39	40	38																	
PERTHSHIRE	RANNOCH	307	17	17																	
	TUMMEL BRIDGE	161	16	16		0	0	0	100	374	267	3	6.0	260	18	21	16	260	39	21	1630
FIFE	LEUCHARS	25	13	13		0	3	14	311	367	52	0	10.4	250	26	21	18	240	44	21	1824
MIDLOTHIAN	EDINBURGH TURNHOUSE AIRPORT	43	13	10		0	2	9	294	405	36	0	10.1	240	25	21	16	250	37	23	1436
6 SCOTLAND WEST																					
ARGYLLSHIRE	DUNSTAFFNAGE	13	10	10																	
	MACHRIHANISH	22	12	12		0	5	24	437	232	51	0	12.0	310	30	6	04	330	43	1	0442
	TIREE	24	16	12		0	11	82	466	183	13	0	14.4	300	33	5	15	300	50	5	1518
RENFREWSHIRE	ABBOTSINCH AIRPORT	16	10	10		0	6	15	306	352	71	0	10.1	260	27	22	17	240	47	22	0124
	GREENOCK PORT	51	49			0	5	18	361	293	46	26	10.9	280	28	6	01	280	45	6	0124
	PAISLEY	57	25	9		0	0	0	142	414	188	0	7.0	310	19	1	10	260	43	10	2048
LANARKSHIRE	EAST KILBRIDE	194	17	14																	
AYRSHIRE	ARDROSSAN	24	20		6	2	10	39	459	202	42	0	12.6	290	37	6	04	300	47	6	0506
	PRESTWICK AIRPORT	21	10	10		0	4	11	347	314	72	0	10.1	300	26	6	05	270	42	6	0524
DUMFRIESSHIRE	ESKDALEMUIR	259	10	10		0	9	31	300	290	123	0	10.0	280	31	6	06	270	52	6	0606
WIGTOWNSHIRE	WEST FREUGH	25	10	10		0	2	4	289	324	115	12	9.1	310	23	1	07	320	36	1	1000
2 ENGLAND EAST AND NORTHEAST																					
TYNE AND WEAR	SOUTH SHIELDS	22	17	13		0	5	12	305	351	76	0	9.8	340	28	3	04	270	38	6	0624
DURHAM	DURHAM	119	16	10		0	2	2	206	330	206	0	7.3	270	22	22	14	330	45	6	0748
CLEVELAND	MIDDLESBROUGH	22	17	19		0	5	28	279	350	67	20	10.2	240	27	22	13	240	44	22	1248
NORTH YORKSHIRE	CHURCH FENTON	18	10	10		0	3	8	270	373	87	6	9.1	250	25	5	10	250	41	5	1030
	LEEMING	42	10	10		0	3	3	251	391	99	0	8.8	230	23	22	11	300	37	1	1354
LINCOLNSHIRE	BINBROOK	118	10	10		0	6	25	415	282	22	0	11.6	270	28	1	10	270	41	1	0948
	CONINGSBY	16	10	10		0	3	16	294	373	61	0	10.0	280	28	1	12	280	42	1	1206
	CRANWELL	68	13	13		0	7	27	461	250	6	0	12.4	280	28	1	11	280	44	1	1136
	MANBY	26	10	10																	
	WADDINGTON	80	10	10		0	1	2	237	474	31	0	9.0	290	23	1	14	280	40	1	1206

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT / COUNTY	PLACE	HEIGHT OF VANE (METRES) ABOVE MSL	ABOVE GROUND	EFFECTIVE HEIGHT	34 KT OR MORE (GALE FORCE) DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	22-33 KT (NUMBER OF HOURS)	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST HOURLY WIND VEER FROM NORTH	SPEED (KNOTS)	HOUR BEGINNING DAY	HOUR	HIGHEST GUST VEER FROM NORTH	SPEED (KNOTS)	DAY	TIME
3 EAST ANGLIA																					
NORFOLK	COLTISHALL	27	10	10		0	2	10	294	351	89	0	9.5	270	26	1	11	250	40	1	0836
	GORLESTON	16	13	13		0	3	7	263	417	57	0	9.4	270	22	1	11	270	41	1	1118
	MARHAM	29	10	10		0	2	13	303	343	85	0	9.8	290	26	1	15	280	42	1	1512
	WEST RAYNHAM	93	16	14		0	2	14	387	284	59	0	11.0	270	26	1	10	270	45	1	1124
CAMBRIDGESHIRE	WITTERING	83	10	10		0	2	9	306	405	24	0	10.2	290	28	1	12	280	43	1	1130
SUFFOLK	HONINGTON	60	13	13		0	2	13	336	340	49	6	10.3	290	30	1	13	290	44	1	1318
	WATTISHAM	105	17	10		0	3	13	314	366	51	0	10.1	270	28	1	14	270	45	1	1424
BEDFORDSHIRE	BEDFORD	94	13	9		0	5	19	357	335	28	5	10.9	290	26	1	12	290	44	1	1306
	CARDINGTON	70	41	41		0	5	22	445	251	26	0	11.7	250	27	22	16	250	39	22	1554
HERTFORDSHIRE	GARSTON	94	15	10		0	0	0	64	586	94	0	6.8	310	17	3	10	310	37	3	1054
	ROTHAMSTED	141	13	10		0	0	0	27	455	262	0	5.0	320	14	3	11	320	38	3	1136
ESSEX	SHOEBURYNESS	36	32	28		0	9	48	470	217	9	0	13.1	200	29	15	14	280	43	1	1336
	STANSTED	108	10	10		0	0	0	220	433	91	0	8.3	270	19	1	08	270	37	1	0906
4 MIDLAND COUNTIES																					
SOUTH YORKSHIRE	FINNINGLEY	19	10	10		0	3	14	305	323	102	0	9.7	290	27	1	11	290	45	1	1130
	SHEFFIELD	160	25	11		0	0	0	86	431	227	0	5.9	300	18	1	10	310	43	1	1230
NOTTINGHAMSHIRE	WATNALL	130	13	10		0	0	0	257	424	63	0	9.0	270	21	1	11	290	37	1	1554
STAFFORDSHIRE	KEELE	215	15	10		0	0	0	80	466	198	0	5.8	310	19	1	13	290	43	1	0930
LEICESTERSHIRE	COTTESMORE	143	13	13		0	4	16	422	296	10	0	11.6	280	28	1	11	270	46	1	0936
SALOP	SHAWBURY	84	12	10		0	2	2	297	395	50	0	9.4	310	22	1	10	250	35	22	1554
WEST MIDLANDS	BIRMINGHAM																				
	EDGBASTON	196	36	22		0	0	0	193	468	83	0	8.5	330	20	3	10	320	42	3	1042
	ELMDON AIRPORT	104	10	10		0	3	11	337	345	51	0	10.1	250	25	22	17	240	39	22	1706
HEREFORD & WORCS	PERSHORE	47	10	10		0	4	11	314	325	94	0	9.9	230	23	28	13	200	36	15	1130
GLOUCESTERSHIRE	FAIRFORD	88	10	10		0	0	0	379	293	72	0	10.4	280	21	1	10	280	35	1	1030
OXFORDSHIRE	ABINGDON	90	12	12		0	0	0	227	409	108	0	8.5	270	19	28	16	270	29	28	1612
	BRIZE NORTON	91	13	10		0	0	0	231	444	69	0	8.6	280	19	1	10	280	33	1	1024
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																					
GREATER LONDON	HAMPTON	42	31	30		0	1	1	251	393	99	0	8.7	280	22	1	09	280	37	1	0942
	HEATHROW AIRPORT	34	10	10		0	0	0	251	464	29	0	9.2	320	20	3	09	290	32	1	0842
	KEW	28	23	15		0	0	0	245	410	89	0	8.7	200	19	15	14	270	39	1	0900
	LONDON WEATHER CENTRE	93	70	38		0	2	5	471	248	20	0	11.7	260	22	1	09	270	41	1	0936
	POST OFFICE TOWER			174																	
WILTSHIRE	BOSCOMBE DOWN	130	17	17		0	2	2	270	408	64	0	9.5	230	22	31	16	290	37	1	0824
	LARKHILL	145	13	10		0	2	5	356	327	56	0	10.4	260	24	1	09	260	41	1	0918
	MIDDLE WALLOP	94	10	10		0	0	0	232	430	57	25	8.9	290	21	1	08	280	37	1	0742
	PORTON	120	10	10		0	3	8	317	371	48	0	10.1	230	24	31	15	280	35	1	0824
KENT	DUNGENESS	16	10	10		0	8	42	502	190	10	0	13.6	200	28	15	14	250	44	4	1500
	ISLE OF GRAIN	15	12	10		0	6	29	393	236	29	57	11.9	280	26	1	12	280	37	1	1212
	MANSTON	62	18	18		0	6	27	388	312	17	0	11.6	200	28	15	15	200	39	15	1518
HAMPSHIRE	FARNBOROUGH	75	10	10		0	0	0	167	463	114	0	7.7	320	19	3	11	290	35	1	0854
WEST SUSSEX	GATWICK AIRPORT	69	10	10		0	0	0	258	395	91	0	8.8	280	19	1	09	310	40	3	0748
	THORNEY ISLAND	16	10	10		0	2	17	392	311	24	0	11.4	210	28	15	13	210	40	15	1306
7A ENGLAND NORTHWEST AND ISLE OF MAN																					
CUMBRIA	CARLISLE	41	13	9		0	0	0	259	374	111	0	8.4	230	19	22	12	230	39	22	1224
	GREAT DUN FELL	857	10	10	5 6 10 11 20-22	48	24	292	303	96	5	0	20.2	230	45	22	14	230	61	22	1424
	MOOR HOUSE	595	13	12																	
	SELLAFIELD	25	12	11		0	2	8	338	350	48	0	10.0	310	24	1	08	320	35	1	0900
LANCASHIRE	FLEETWOOD	34	15	9	1	5	7	31	314	274	120	0	10.5		37	1	08		51	1	0818
	SQUIRES GATE AIRPORT	22	12	11		0	7	30	512	182	20	0	13.4	290	29	1	08	290	45	1	0818
MERSEYSIDE	AIGBURTH	38	23	11		0	4	11	315	342	76	0	10.0	290	28	1	09	290	49	1	0954
	SOUTHPORT	19	14	11																	
	SPEKE AIRPORT	30	10	10		0	2	11	368	323	42	0	10.7	280	29	1	10	280	48	1	1012
GREATER MANCHESTER	MANCHESTER																				
	RINGWAY AIRPORT	80	10	10		0	1	6	259	415	64	0	9.2	290	25	1	13	290	42	1	1330
	WEATHER CENTRE	82	45	17		0	0	0	246	417	81	0	8.8	280	21	1	06	310	43	1	1254
ISLE OF MAN	POINT OF AYRE	20	10	10	1	3	6	37	455	221	28	0	12.8	310	36	1	07	300	51	1	0742
	RONALDSWAY	25	10	10		0	3	10	316	322	96	0	9.6	310	27	1	09	310	42	1	0818
7B WALES NORTH																					
GWYNEDD	VALLEY	26	16	12		0	11	61	483	164	36	0	13.8	210	30	29	15	210	43	29	1530
8A WALES SOUTH																					
DYFED	ABERPORTH	144	10	10		0	4	11	533	185	15	0	12.9	150	25	2	11	200	34	22	1630
	MILFORD HAVEN	47	10	10		0	0	0	405	303	36	0	10.9	220	21	15	06	220	35	15	0606
WEST GLAMORGAN	PORT TALBOT	28	12	11		0	1	4	387	255	98	0	10.2	280	25	1	03	280	38	1	0330
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10		0	1	1	448	246	49	0	11.1	290	22	1	07	290	35	1	0730
8B ENGLAND SOUTHWEST																					
DORSET	HURN AIRPORT	23	13	11		0	2	2	275	427	40	0	9.6	200	22	15	11	210	36	15	1354
	PORTLAND BILL CG	60	13	13		0	9	53	534	138	19	0	14.3	330	30	3	06	330	42	3	0618
DEVON	CHIVENOR	22	16	13		0	3	8	456	230	50	0	11.5	230	24	15	10	230	38	15	1018
	MOUNT BATTEN	64	13	13		0	5	17	339	324	64	0	10.5	210	27	15	09	210	39	15	0912
CORNWALL	LIZARD	96	23	18		0	9	67	472	186	19	0	13.8	350	30	3	05	330	45	3	0224
	ST MAWGAN	120	13	13		0	5	13	511	194	26	0	12.7	320	27	3	04	320	39	3	0400
	SCILLY(ST.MARY'S)	70	20	17		0	7	31	427	226	56	4	11.9	310	29	3	02	320	45	3	0324
CHANNEL ISLANDS																					
	JERSEY AIRPORT	98	18	12		0	1	9	480	239	16	0	11.7	300	25	3	06	310	36	3	0636
NORTHERN IRELAND																					
LONDONDERRY	COLERAINE UNIVERSITY	33	10	10		0	0	0	129	402	198	15	6.8	250	18	22	12	340	34	1	0124
ANTRIM	ALDERGROVE	80	10	10		0	2	4	351	327	62	0	9.9	260	23	10	15	270	38	10	1530
	BALLYPATRICK FOREST	166	13	13		0	4	18	374	265	51	36	11.1	270	26	22	14	260	43	22	1412
	BELFAST HARBOUR	21	18	18		0	2	8	319	304	113	0	9.6	280	25	1	05	280	42	1	0542
DOWN	KILKEEL	36	19	14		0	5	11	302	299	109	23	9.6	290	25	22	10	290	40	22	1112
ARMAGH	PORTADOWN	26	10	10		0	0	0	195	411	123	15	7.9	220	19	5	16	230	34	5	1612
TYRONE	CARRIGANS	129	10	10		0	0	0	139	391	212	2	6.9	250	20	10	14	250	36	10	1536
FERMANAGH	CASTLE ARCHDALE FOREST	80	13	13		0	0	0	230	375	125	14	8.0	260	18	10	17	250	31	5	1354

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